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1. STRAW COLOR



8. PUMPKIN ORANGE



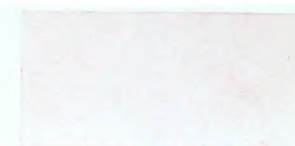
15. PINKISH ORANGE



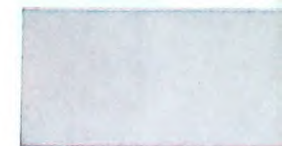
22. LIGHT SALMON PINK



29. PURE LIGHT PINK



36. PALE LIGHT PINK



43. PALE LILAC



2. LEMON YELLOW



9. ORANGE



16. NEUTRAL ORANGE VERMILION



23. ROSE PINK



30. DEEP PINK



37. DULL LAVENDER PINK



44. PALE BLUE VIOLET



3. PRIMROSE



10. NEUTRAL ORANGE



17. ORANGE VERMILION



24. DEEP ROSE PINK



31. BRIGHT MAGENTA



38. MAGENTA PINK



45. DEEP LAVENDER



4. SULPHUR YELLOW



11. DEEP ORANGE



18. SCARLET VERMILION



25. OLD ROSE



32. DEEP PURPLE PINK



39. DEEP HELIOTROPE



46. BRIGHT VIOLET BLUE



5. GAMBOGE YELLOW



12. RED ORANGE



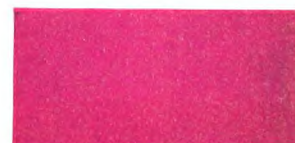
19. ORANGE SCARLET



26. CARMINE PINK



33. CRIMSON



40. PURPLE MAGENTA



47. PURPLE VIOLET



6. GOLDEN YELLOW



13. BURNT ORANGE



20. CARDINAL RED



27. ROSE RED



34. GARNET



41. DULL MAROON PURPLE



48. PURPLE



7. ORANGE YELLOW



14. TERRA-COTTA



21. CHOCOLATE



28. RUBY RED



35. MAROON



42. MAROON PURPLE



49. DEEP PURPLE VIOLET

A CHART SHOWING THE COLORS OF GARDEN FLOWERS





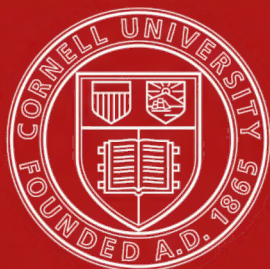
THE sixty-three colors of the accompanying chart have been accurately compared with the colors of growing flowers. Although blossoms, even on the same plant, will vary somewhat in shade, the author hopes that the care with which this chart has been prepared may prove of genuine service to all who plan their gardens with the aid of this book.

As will be noticed, each color block is supplied with a number as well as a name. A corresponding color number will be found opposite every description of a plant throughout the volume.







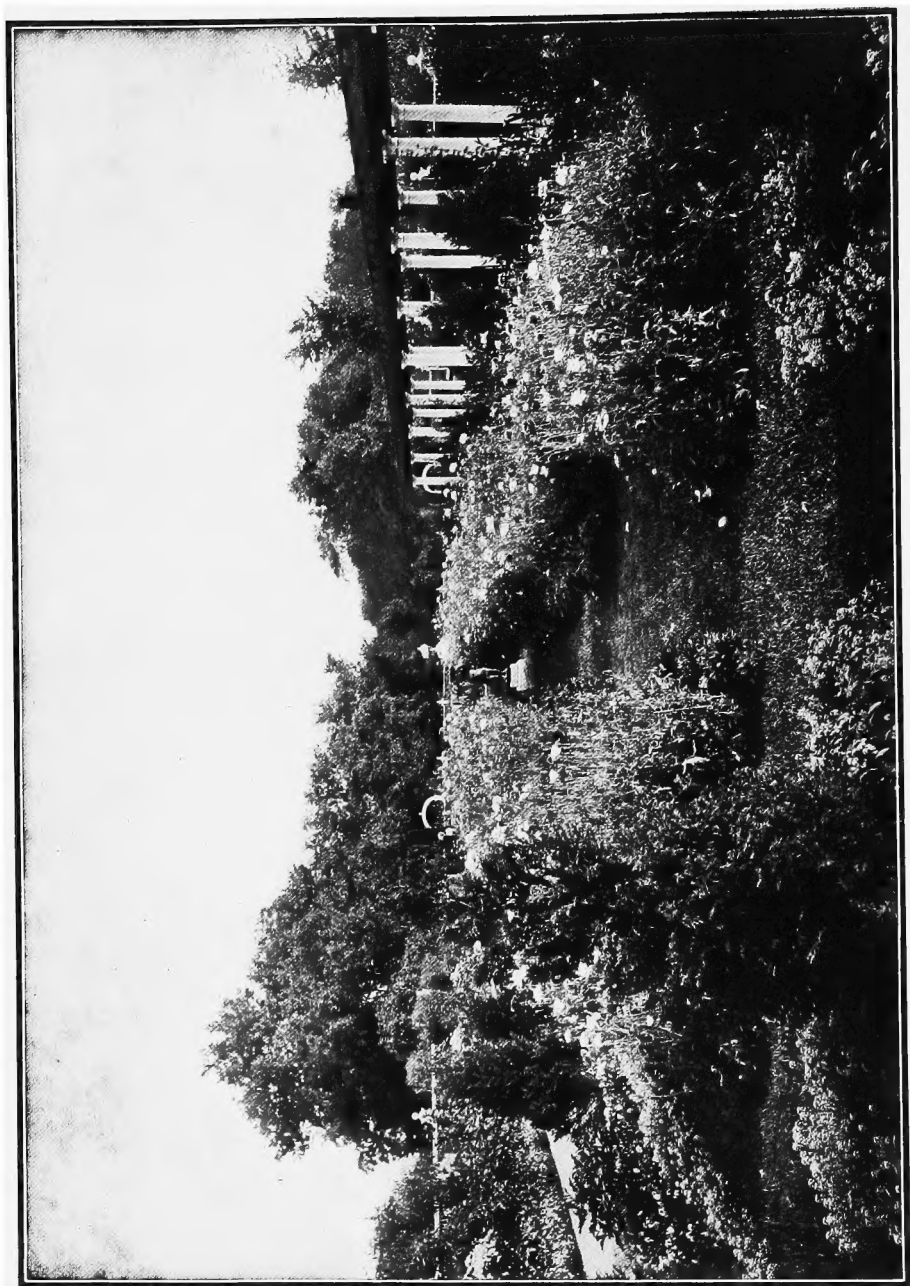


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A GARDEN OF FLOWERS IN FULL BLOOM.



# THE GARDEN *Month by Month*

Describing the appearance, color, dates of bloom,  
height and cultivation of all desirable

HARDY HERBACEOUS PERENNIALS

for the formal or wild garden, with additional  
lists of aquatics, vines, ferns, etc.

By

MABEL CABOT SEDGWICK

Assisted by

ROBERT CAMERON

Gardener of the Harvard Botanical Gardens

WITH OVER TWO HUNDRED HALF-TONE  
ENGRAVINGS FROM PHOTOGRAPHS  
OF GROWING PLANTS, AND  
A CHART IN COLORS.

♦ ♦

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SB

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344

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*Printed in the United States of America*



TO  
W. C. C. AND E. R. C.

#### ERRATA

pp. 200 and 304, *Leontopodium alpinum* or *Edelweiss* now under *Yellows*, should be under *Whites*.

pp. 458 and 466, under *Iris laevigata* omit *water during flowering season*.



## PREFACE

*O Perpetui Fiori del Eterna Letizia*

**I**T is prudent perhaps for many of us to have our pleasure gardens shaped for us by an expert wiser than we may hope to be. A trained eye, long study of old forms, and that knowledge which is born only of experience, make possible a beauty of outline and insure a perfection of detail in a project which in the minds of most of us is a desire rather than a definite conception. Yet he who truly loves his garden will not relinquish altogether the happy task of creating it. For him it is the centre of bright imaginings. He dreams of it asleep and awake, until from among the multitude of his thoughts there flashes some happy vision finished in all things, like the completed picture which the painter sees on the white canvas before him. Quickly before it fades he rushes to his task. But to the amateur, garden catalogues are often a snare and most books a delusion. Search as he may, these helpers serve him little, and as he struggles to find the appropriate flowers with which to paint his picture, the gay vision fades and confusion and discouragement ensue.

It is for this gardener that I have made this book and offer it as a full palette, to enable him the more readily to paint the picture as he sees it, and save him the discouragement of looking in a thousand places for a thousand bits of information. However small a part of the garden it may be that he himself plans, he will look upon that portion with a kindlier eye, and find more in it to love and enjoy than all the rest of the garden has to offer.

With this book I wish my gardener joy of his experiments, and if he fails to make his garden altogether as he has imagined it, may he have a fancy quick to suggest new visions; for in the possibilities of change lies the imperishable charm of gardens. Forever through past experience shine the bright alluring pictures of the future.

## P R E F A C E

The plan of this book is simple. The plants are arranged in the order of the months in which they bloom, while for the reader's convenience a plant which flowers in more months than one is listed afresh in each appropriate month, though the full description of its habit and the directions for its culture are given only where it makes its first appearance.

In the great majority of cases, the dates of bloom are taken from personal observations in the vicinity of Boston. The season about New York is, generally speaking, about ten days earlier. A rough and ready calculation allows six days' difference to every degree of latitude.

Yet in this matter of the date of bloom the reader must understand that nothing like exactness is possible. All that can be claimed is the representation of a fair average. The season of bloom is very irregular, often varying as much as a fortnight in the spring. But though early dates may vary, by June first all irregularities seem to disappear, and the reader can be confident that whatever are the dates of bloom, the succession of bloom remains invariable.

As the plants are divided according to the months in which they first bloom, so they are subdivided according to color. In each month's list of blooming plants there are nine color groups, including "parti-colored," *i.e.*, those plants in which each blossom is variegated, and "various," *i.e.*, those in which the color of the blossoms vary.

Since color is the chief glory of a garden, much stress has been laid upon it throughout the preparation of the book. Almost every flower mentioned has been accurately compared with the appended color chart, and in the column devoted to that purpose it bears its appropriate color number, while above this in quotation marks is the color ascribed to it by some reliable authority.

The reader must remember, however, that with matters of color it is much as with matters of taste. One may call the wood violet purple and another insist that it is blue, while red fades so insensibly into pink, and yellow blends so imperceptibly into orange, that he is an artist indeed who can define the precise point where one becomes the other. It must also be borne in mind that the same flower may vary in color in different localities and the same plant may put forth blossoms of varying shades. And yet, though you may quarrel with the division lines, they are just in the main and are not further wrong than others might well be.

A word or two is needed concerning the comprehensiveness of this



## P R E F A C E

book. Annuals have *not* been included, as their dates depend altogether upon the time when their seed is sown. Of biennials but few are mentioned; but of hardy perennials it can fairly be said that all are included which deserve a place in the garden proper, in the rock or wild garden, or which are worthy of naturalization; and of tender perennials a few that should find a place in every garden have been added. Large estates as well as small gardens are increasing so rapidly throughout the country and so many new and unfamiliar plants have come to enlarge the gardener's choice, that it has seemed best to make this book offer all which the most varied taste could wish for beautifying a great estate; but it is selection rather than variety which the small gardener needs, and for his sake such plants as are especially serviceable or exceptionally to be desired are marked with a single or double asterisk.

The details of this book have been almost infinite in number, and my best thanks are due to all who have helped me: To Mr. Robert Cameron, of the Harvard Botanical Gardens, for revision of all facts mentioned in the book and for much valuable assistance; to Prof. Benjamin Watson, of Harvard, for advice and encouragement; to Mr. L. T. Ernst for observing many of the dates of flowering; to Miss Louisa B. Stevens and Miss Turner for the preparation of the color chart and, with the assistance of Miss Edith May, for the skilful comparison of colors; to Miss Rose Standish Nichols, who has conducted the book through the press; to Messrs. John L. Gardner, J. S. Lee and J. Woodward Manning for many admirable photographs which I should have gone far to secure elsewhere; and to Miss Elizabeth Dean for much devoted work. To all of these I feel greatly indebted for their real interest and assistance, and in a special sense I wish to record the gratitude with which I shall always remember the unselfish and unremitting assistance and encouragement given me by Miss Pauline Brigham.

For the rest I only hope that this book may help to make more gardens lovely and more gardeners content.

M. C. S.,  
BROOKLINE, MASS., NOV., 1906.



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# THE GARDEN MONTH BY MONTH





COMMON SNOW DROP AND WINTER ACONITE. *Galanthus nivalis* and *Eranthis hyemalis*.

# MARCH

## WHITE

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE GLORY OF THE SNOW	*Chionodoxa Luciliae var. álba	Pretty bulbous plant somewhat resembling the Squill. Ten or twelve flowers on each stem. Lance-shaped leaves. Plant in border or rock-garden. Prop. by seed and offsets. Well-drained loam. Asia Minor.	3-6 in. Sun or half shade	Mid. Mar. to early May
"White"	CROCUS	**Cròcus vars.	See color "various," page 8.		Mid. Mar. to late Apr.
"White"	GIANT SNOWDROP	**Galánthus Elwesii	Large handsome species; flowers more globular than G. Nivalis. Bulbous. Prop. by offsets in autumn. Any ordinary garden soil. Mts. of Asia Minor. See Plate, page 5.	6-12 in. Sun or half shade	Mar., Apr.
"White"	COMMON SNOWDROP	**Galánthus nivális	A charming plant with drooping blossoms. Blooms whenever the snow leaves the ground. Plant in quantity on the lawn, in borders or under the shade of trees. Bulbous. Prop. by offsets in autumn. Any garden soil. Pyrenees to Caucasus. See Plate, page 2.	4-6 in. Sun or half shade	"
"White"	PLAITED SNOWDROP	**Galánthus plicátus	Excellent Snowdrop, larger in all its parts than G. Nivalis and blossoming later. Solitary bell-shaped flowers on long graceful stems. Good for rock-garden or border. Bulbous. Prop. by offsets in autumn. Any ordinary garden soil. Crimea.	4-8 in. Sun or half shade	Mar. to early May
"White"	CHRISTMAS ROSE	*Helléborus niger	Cup-shaped flowers about 3 in. across, sometimes purple-tinted. Good for cutting. Attractive evergreen foliage. Protect in winter and do not disturb. Plant in border or rock-garden. Prop. by division. Any well-drained rich soil. Europe. See Plate, page 6.	9-15 in. Half shade best	Mar., early Apr.
"White"	LONG-LEAVED CHRISTMAS ROSE	*Helléborus niger var. altifolius H. n. var. major, var. máximus	Largest flowered variety, with several blossoms, 3-5 in. across, on a stem. See H. niger. Hort.	6-18 in. Half shade best	Mar. to early Apr.
"White"	OLYMPIC HELLEBORE	*Helléborus orientális var. Olímpicus	Profusion of small spreading flowers; good for cutting. Protect in winter. Plant in rock-garden and border. Prop. by division. Well-drained rich soil. Bithynia.	12-15 in. Half shade best	"



WHITE, YELLOW, PURPLE, BLUE      **MARCH**

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE SIBERIAN SQUILL	** <i>Scilla</i> <i>Sibirica</i> var. <i>alba</i> .	Very pretty early-flowering species. One to three flowers droop from slender stems. Long narrow leaves. Plant in clumps in rock-garden or border. Bulbous. Prop. by offsets in autumn. Sandy soil; give an occasional top-dressing. Hort.	3-6 in. <i>Sun or half shade</i>	Mid. Mar. to early May
"Yellow" 6	CROCUS	** <i>Cròcus</i> vars.	See color "various," page 8.		Mid. Mar. to late Apr.
"Deep yellow" 6	CLOTH OF GOLD CROCUS	** <i>Cròcus</i> <i>Susianus</i>	One of the earliest Crocuses. Flowers tinged or striped with brown. Variegated leaves in tufts. Naturalize in the grass or plant under trees and in rows or clumps in the border. Bulbous. Prop. by offsets in late Sept. or Oct. Deep well-drained soil. Caucasus; Crimea.	3 in. <i>Sun or half shade</i>	"
"Yellow" 4	COMMON WINTER ACONITE	** <i>Eránthis</i> <i>hyemàlis</i>	Pretty cup-shaped flower, surrounded by a whorl of leaves, appears at the same time as the Snowdrop and does well under trees, as it prefers partial shade. Bulbous. Any garden soil. S. Europe. See Plate, page 2.	3-8 in. <i>Sun or half shade</i>	Mar., Apr.
"Purple"	CROCUS	** <i>Cròcus</i> vars.	See color "various," page 8.		Mid. Mar. to late Apr.
"Reddish purple" 42	DARK-RED EASTERN HELLEBORE	* <i>Helléborus orientàlis</i> var. <i>atròrubens</i> <i>H. v. var. Colchicus</i>	Large cup-shaped flowers in clusters. Leaves evergreen, one on each flower-stem. Good for rock-garden and border. Prop. by division. Any well-drained rich soil. Hungary. Vars. <i>F. C. Heineman</i> and <i>Gretchen Heineman</i> are good and somewhat similar in color.	9-15 in. <i>Half shade best</i>	Mar. to early Apr.
"Purple" 55	NETTED IRIS	* <i>Iris reticulàta</i>	Bulbous Iris. Fragrant yellow-crested flowers on short stalks. Leaves stiff and narrow, growing to full height after the flowers are gone, disappear when bulbs ripen. Plant in masses in the border in a sheltered spot. Well-drained sandy or fibrous soil. Several blue vars. Caucasus; Palestine.	1 ft. <i>Sun</i>	Mid. Mar.
"Plum" 42	KRELAGE'S NETTED IRIS	* <i>Iris reticulàta</i> var. <i>Krèlagei</i>	Flowers almost scentless; color varies, yellow markings not distinct. See <i>Iris reticulata</i> . Caucasus. See Plate, page 9.	1 ft. <i>Sun</i>	Late Mar.
"Blue" 52	ALLEN'S GLORY OF THE SNOW	* <i>Chionodóxa Alleni</i> <i>Chionoscilla Alleni</i>	Similar to <i>C. Luciliæ</i> , the white centre being less distinct. Border and rock-garden. Bulbous. Prop. by seed and offsets. Any good soil. Requires moisture while growing. Hort.	3-6 in. <i>Sun or half shade</i>	Mid. Mar. to early May



(A) PLAITED SNOWDROP. *Leucojum vernum*.



(B) GIANT SNOWDROP. *Galanthus elwesii*.



CHRISTMAS ROSE. *Helleborus niger*.



CROCUS. *Crocus vars.*

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 52 & white	GLORY OF THE SNOW	** <i>Chionodoxa</i> <i>Luciliæ</i>	Pretty, bulbous plant somewhat resembling the Squill. Ten or twelve flowers on each stem; petals tipped with blue, shading to white at the centre. Lance-shaped leaves. Border or rock-garden. Bulbous. Prop. by seed and offsets. Any good soil. Likes moisture while growing. Asia Minor; Crete. See Plate, page 9.	3-6 in. <i>Sun or</i> <i>half</i> <i>shade</i>	Mid. Mar. to early May
"Blue" 52 or 63	GIANT GLORY OF THE SNOW	** <i>Chionodoxa</i> <i>Luciliæ</i> var. <i>gigantæa</i>	Large form of <i>C. Luciliæ</i> , of different habit. Groups of this plant are very effective in early spring. For cultivation see <i>C. Luciliæ</i> . Hort.	3-8 in. <i>Sun or</i> <i>half</i> <i>shade</i>	"
"Blue" 52	TMOLUS' GLORY OF THE SNOW	* <i>Chionodoxa</i> <i>Luciliæ</i> var. <i>Tmolusi</i> <i>C. Tmolusi</i>	Large flowers, bright blue and white; blooms later than the species. Choice rockery plant; rather rare. For cultivation see <i>C. Luciliæ</i> . Asia Minor.	3-6 in. <i>Sun or</i> <i>half</i> <i>shade</i>	Late Mar. to early May
"Gentian-blue" 52 deeper	SARDIAN GLORY OF THE SNOW	* <i>Chionodoxa</i> <i>Sardensis</i>	Flowers borne on branching flower-stems smaller than <i>C. Luciliæ</i> , deeper blue and without the white markings. Two vars., one having white stamens, the other black. Bulbous. Prop. by seed and offsets. Any good soil. They like moisture while growing. Asia Minor.	3-6 in. <i>Sun or</i> <i>half</i> <i>shade</i>	Mid. Mar. to early May
"Blue" 61	STAR HYACINTH	* <i>Scilla</i> <i>amœna</i>	Blooms freely, but not so attractive as other Squills. Several flower-stems bear 4-8 star-shaped flowers. Bulbous. Enrich the soil occasionally with a top-dressing of manure. Tyrol.	6-9 in. <i>Sun or</i> <i>shade</i>	"
"Dark blue" 62	EARLY SQUILL	* <i>Scilla</i> <i>bifolia</i>	Earliest species. Spikes of 4-6 starry flowers. Graceful lance-shaped leaves. Desirable in wild garden, rock-garden, or border. Vars. <i>alba</i> and <i>rosea</i> ; (color no. 25). Treat like <i>Scilla Sibirica</i> . Europe; Asia Minor.	4-6 in. <i>Sun or</i> <i>shade</i>	"
"China-blue" 61 deeper	SIBERIAN SQUILL	** <i>Scilla</i> <i>Sibirica</i> <i>S. amœna</i> var. <i>præcox</i>	Early flowering species. One to three flowers of beautiful deep blue droop from slender stalks. Long narrow leaves. Charming in clumps in rock-garden or border, or for edging beds. Bulbous. Prop. by offsets in autumn. Sandy soil is preferable; give an occasional top-dressing. Several vars. are grown. Russia; Asia Minor. See Plate, page 9.	2-6 in. <i>Sun or</i> <i>half</i> <i>shade</i>	"
Parti-colored		** <i>Crœcus</i> vars.	See color "various," page 8.		Mid. Mar. to late Apr.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Cream & 42 outside, 44 inside	SCOTCH CROCUS, CLOTH OF SILVER CROCUS	**Cròcus biflorus	Stemless funnel-form yellowish white flowers, tinged and striped with purple. Variegated grass-like leaves rise above the flowers. Pretty in the grass, in borders, or under trees. Bulbous. Prop. by seed and offsets. Plant in late Sept. or Oct. in deep, well-drained soil. S. Europe.	6-8 in. Sun or half shade	Mid. Mar. to late Apr.
Parti-colored	EASTERN HELLEBORE FRAU IRENE HEINEMANN	*Helleborus orientalis var. "Frau Irene Heinemann"	Large cup-shaped flowers, rose-purple outside, and greenish, streaked and dotted, within. Good for cutting. Evergreen foliage. Slightly protect in winter. Should not be disturbed. Plant in border or edge of shrubbery. Prop. by division. Any rich well-drained soil. Hort.	12-15 in. Half shade best	Mar. to early Apr.
Green & 35	PURPLISH GREEN HELLEBORE	*Helleborus viridis var. purpurascens	Drooping green flowers purple tinted, and grayish foliage. Needs slight protection in winter. Should not be disturbed. Plant in border or edge of shrubbery. Prop. by division. Any rich well-drained soil. Hungary.	12-18 in. Half shade best	"
Various	CROCUS	**Cròcus vars.	Large funnel-shaped stemless flowers. Stiff grass-like leaves. Naturalize in masses in the grass and under trees, or plant in clumps in the border. Bulbous. Prop. by offsets. Plant in light well-drained soil in late Sept. or Oct. The following are some of the best garden vars.:— <b>White vars.</b> — <i>Caroline Chisholm</i> ; free bloomer. <i>Mammoth White</i> ; very large. <i>Mont Blanc</i> ; large and snow white. <b>Yellow vars.</b> — <i>Golden Yellow</i> ; (color no. 6), deep yellow. <b>Purple vars.</b> — <i>King of the Blues</i> ; deep purple blue, very large. <i>Purpurea grandiflora</i> ; large deep purple flowers. <b>Parti-colored vars.</b> — <i>Albion</i> ; deep violet striped with white. <i>Cloth of Silver</i> ; silvery white lilac-striped. <i>La Majestueuse</i> ; large lilac flowers striped white. <i>Sir Walter Scott</i> ; white striped with lilac; large and free blooming. See Plate, page 6.	6-8 in. Sun or half shade	Mid. Mar. to late Apr.
White or 46	SPRING CROCUS	**Cròcus vernus	The commonest species. Large stemless funnel-shaped flowers, white or lilac, sometimes striped with purple. Stiff grass-like leaves. Mass in border or scatter in the grass or under trees. Bulbous. Prop. by offsets. Plant in late Sept. or Oct. in light, well-drained soil. Europe.	4-5 in. Sun or half shade	"



KRELAGE'S NETTED IRIS. *Iris reticulata* var. *Krelagei*.



GLORY OF THE SNOW. *Chionodoxa Luciliae*.

SIBERIAN SQUILL. *Scilla Sibirica*.





# APRIL

## WHITE TO GREENISH

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Cream white"	WHITE BANE-BERRY	<i>Actæa álba</i> <i>A. rubra</i>	Strong-growing plant of the Buttercup order. Flowers in showy clusters. Berries white. Foliage finely cut. Suitable for rock and wild garden. Prop. by seed and division. Loose soil.	1-1½ ft. <i>Shade</i>	Early Apr. to July
"Greenish"	MOUNTAIN LADY'S MANTLE	<i>Alchemilla alpina</i>	Drooping inconspicuous flowers and digitate leaves. Easily cultivated. Suitable for the rock-garden. Prop. by seed and division. Europe.	6-8 in. <i>Sun or shade</i>	Late Apr., May
"White" turns to 29 pale	WILD ONION	* <i>Allium mutabile</i>	Flowers change to rose-pink and are borne in many-flowered umbels above the narrow leaves. Effective rock-garden plant. Easily cultivated. Bulbous. Prop. by seed and offsets. Well-drained soil. N. America.	1-2 ft. <i>Sun or half shade</i>	Apr., May
"White" often 36	WOOD ANEMONE	<i>Anemone nemorosa</i>	Common Anemone. Slender stemmed plant, bearing a solitary flower, often pink or purplish, 1 in. across. Attractive delicate foliage. Pretty in wild garden and in masses under trees. Prop. by division; of easy culture in good soil. U. S. A.; Europe; Siberia.	4-8 in. <i>Shade</i>	Late Apr. to early June
"Cream white" tinged with 39	SNOWDROP WIND-FLOWER	** <i>Anemone sylvestris</i>	Large nodding sweet-scented flowers, tinged with lavender, solitary or two together; pretty drooping buds. Fine deeply cut foliage. Good in border or under trees. Prop. by division. Europe. See Plate, page 13.	1-1½ ft. <i>Sun or half shade</i>	Late Apr. to mid. July
"Cream white"	DOUBLE SNOWDROP WIND-FLOWER	* <i>Anemone sylvestris</i> var. <i>flore-pleno</i>	Large double-flowered var. of <i>A. sylvestris</i> . Good border plant; also suitable for open position in the rock-garden. Europe.	12-15 in. <i>Sun or shade</i>	Apr., May
"White"	MUNSTEAD'S WHITE COLUMBINE	* <i>Aquilegia vulgaris</i> var. <i>álba</i> . <i>A. v. var. nivea</i>	Abundance of large flowers, many on a stem. Good for sheltered spots, in the wild garden or border. Prop. by seed, sown as early as possible, or division. Deep sandy loam is best. Hort.	2-3 ft. <i>Sun</i>	"
"White"	WHITE ROCK CRESS	** <i>Árabis álvida</i> <i>A. Caucásica</i>	Heads of fragrant flowers form a sheet of pure white. Good for the spring garden, for rockwork and edgings, and for covering bare and rocky places. Prop. by seed, division and cuttings. Thrives even in poor soil. Europe. See Plate, page 13. Var. <i>variegata</i> ; var. with gold and green foliage. Var. <i>flore-pleno</i> ; double-flowered var.	6-8 in. <i>Sun</i>	Early Apr. to June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	ALPINE ROCK CRESS	* <i>Arabis alpina</i>	Resembles <i>A. albida</i> but has smaller flowers. Excellent rock-plant. Prop. usually by division, also by seed and cuttings. Thrives in any ordinary soil. Europe. Var. <i>flore-pleno</i> ; a double var. Var. <i>variegata</i> has green and yellow foliage.	6 in. Sun or half shade	Early Apr. to late May
"White"	RUNNING ROCK CRESS	* <i>Arabis procurrens</i>	Useful trailing rock-plant with small flowers. Prop. by stolons. Any soil. Europe.		"
"White"	WHITE GLORY OF THE SNOW	* <i>Chionodoxa Luciliae</i> var. <i>alba</i>	See page 3.		Mid. Mar. to early May
"Greenish"	GOLDEN SAXIFRAGE, WATER CARPET	<i>Chrysosplenium Americanum</i>	Creeping plant with inconspicuous flowers. Stems covered with small pulpy leaves. For bog-garden. Prop. by division. Wet soil. N. Amer.	6 in. Sun	Late Apr., May
"White"	CROCUS	** <i>Cròcus</i> vars.	See page 8.		Mid. Mar. to late Apr.
"White"	PEPPER-ROOT, TWO-LEAVED TOOTH-WORT	<i>Dentaria diphylla</i> <i>Cardamine diphylla</i>	Petals pale purplish beneath. Two compound leaves. Rootstocks edible. Suitable for margin of border or shrubbery. Prop. by division and by bulblets. Easily cultivated. Light peaty soil, well enriched. Eastern N. Amer.	1 ft. Half shade or shade	Apr., May
"White"	SQUIRREL CORN	* <i>Dicentra Canadensis</i> <i>Dielytra Canadensis</i>	A few pendent pink-tipped flowers terminate leafless stems. Pretty grayish fern-like foliage. Good plant for border or rock-garden. Prop. in spring by crown-division or root-cuttings. Light rich soil. Eastern N. Amer.	6-12 in. Half shade	"
"White" white & 3	DUTCH-MAN'S BREECHES	* <i>Dicentra Cucullaria</i> <i>Dielytra Cucullaria</i>	Racemes of drooping yellow-tipped flowers on leafless stems. Deeply-divided leaves. Suitable for rock-garden. Prop. in the spring by crown-division or root-cuttings. Light rich soil. Eastern N. Amer. See Plate, page 14.	3-6 in. Half shade	"
"White"	LARGE WHITE-FLOWERED BARREN-WORT	* <i>Epimedium macranthum</i> var. <i>niveum</i> <i>E. niveum</i>	Dainty interesting plant with curiously shaped flowers. New leaves reddish. Suitable for rock-garden or border. Prop. by division. Any garden soil. Japan.	8-10 in. Half shade best	Late Apr. to late May



SNOWDROP WINDFLOWER. *Anemone sylvestris*.



WHITE ROCK CRESS. *Arabis albida*.





WHITE GUINEA-HEN FLOWER. *Fritillaria Meleagris* var. *alba*.



DUTCHMAN'S BREECHES. *Dicentra Cucullaria*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White" white & 6	WHITE DOGTOOTH VIOLET	** <i>Erythronium albidum</i>	Solitary flower with recurved petals, yellow at base, and two long narrow unmottled leaves, rising from the root. Pretty on grassy banks and extremely good for planting in Rhododendron beds. Bulbous. Any light fibrous soil with good drainage. N. J.; Western U. S. A.	6 in. Half shade	Late Apr., May
"Greenish"	LILY-LIKE FRITILLARY	* <i>Fritillaria liliacea</i>	One to six lily-like flowers, veined with green, droop from each stalk. Leaves mostly in a whorl near the ground. Border or rock-garden. Bulbous. Prop. by offsets. Rich loam. Cal.	6-12 in. Half shade	Apr., May
"White"	WHITE GUINEAHEN FLOWER OR CHECKERED LILY	** <i>Fritillaria Meleagris</i> var. <i>alba</i>	Solitary drooping bell-shaped flowers, slightly checkered. Delicate grass-like leaves which disappear after the bulb ripens. Charming for the border and rock-garden. Bulbous. Prop. by offsets; division every 3 or 4 years necessary. Grows best in deep sandy loam. Europe; Caucasus. See Plate, page 14.	1 ft. Sun or shade	Late Apr., May.
"Greenish white"	CAUCASIAN SNOWDROP	* <i>Galánthus Caucasicus</i> <i>G. Redoutei</i>	Later blooming than <i>G. nivalis</i> . Plant in masses in the rock-garden and leave undisturbed for years. Bulbous. Prop. by offsets. Any ordinary garden soil. Caucasus.	8-9 in. Half shade best	Apr., May
"White"	GIANT SNOWDROP	** <i>Galánthus Elwesii</i>	See page 3.		Mar., Apr.
"White"	COMMON SNOWDROP	** <i>Galánthus nivalis</i>	See page 3.		"
"White"	PLAITED SNOWDROP	** <i>Galánthus plicatus</i>	See page 3.		Mar. to early May
"White"	CHRISTMAS ROSE	* <i>Helléborus niger</i>	See page 3.		Mar., early Apr.
"White"	LONG-LEAVED CHRISTMAS ROSE	* <i>Helléborus niger</i> var. <i>altifolius</i> <i>H. n.</i> var. <i>major</i> , var. <i>maximus</i>	See page 3.		Mar. to early Apr.
"White"	OLYMPIC HELLEBORE	* <i>Helléborus orientalis</i> var. <i>Olympicus</i>	See page 3.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See color "various," page 59.		Late Apr., May
"Greenish white"	ORANGE ROOT, GOLDEN SEAL	<i>Hydrastis Canadensis</i>	Grown for its bright red berries and attractive foliage rather than for its small solitary flowers. Root of medicinal value. Wild garden. Prop. by seed and division. Moist loam with leaf-mold. Eastern N. Amer.	12-15 in. <i>Half shade</i>	"
"White"	WHITE SPRING BITTER VETCH	** <i>Lathyrus vernus</i> var. <i>álbus</i> <i>Orobis vernus</i> var. <i>álbus</i>	Tufted habit. Drooping pea-like flowers in clusters of 5 or 7. Pale green compound leaves. Excellent for rock-garden and border. Prop. by seed or division. Any good garden soil. Central Europe.	1-2 ft. <i>Sun or half shade</i>	"
"Transparent white"	SAND LILY of Colorado	<i>Leucocrinum montanum</i>	Clusters of fragrant funnel-shaped stemless flowers with pale anthers rise among the narrow leaves. Blooms for several weeks. Good for the rock-garden. Bulbous. Pacific Coast.	4-8 in. <i>Sun</i>	Apr.
"White"	SUMMER SNOW-FLAKE	* <i>Leucòjum æstivum</i>	Clusters of fragrant bell-shaped flowers, with green tips, somewhat resembling Snowdrops, droop among the narcissus-like foliage. Attractive in the border or for edging shrubbery. Bulbous. Any rich soil. Central and S. Europe. See Plate, page 17.	1 ft. <i>Half shade</i>	Apr., May
"White"	SPRING SNOW-FLAKE	* <i>Leucòjum vèrnum</i>	Resembles <i>L. æstivum</i> , but is a smaller plant with solitary flowers. Pretty in the border. Bulbous. Any rich soil. Central and S. Europe. See Plate, page 5.	6-12 in. <i>Half shade</i>	"
"White"	WHITE OR EVENING CAMPION	* <i>Lýchnis álba</i>	Star-shaped flowers in showy clusters. Foliage thick at the base of the plant. Plant in border or rock-garden. Prop. by seed or division. Ordinary light garden soil. N. Asia; Europe; Amer.	6-12 in. <i>Sun</i>	"
"White"	COMMON WHITE GRAPE HYACINTH	** <i>Muscàri botryoides</i> var. <i>álbum</i>	Pretty bulbous plant. Dense clusters of small globular scentless flowers. Narrow stiff leaves. Plant in clumps in the border or rock-garden. Prop. by offsets. Ordinary garden soil. Europe.	9 in. <i>Sun or half shade</i>	"
"White"	PRIMROSE PEERLESS	<i>Narcíssus bifòrus</i>	Two flowers on each stem; pure white with pale yellow short cups. Plant in masses in the border, in the grass or the edge of shrubbery. Bulbous. Prop. by offsets. Plant in late Sept. or Oct., 6 or 8 inches deep, 3 in. apart. Any good soil. S. Europe.	1-2 ft. <i>Half shade best</i>	Mid. Apr. to late May



SPRING SNOWFLAKE. *Leucojum aestivum*.



DROOPING STAR-OF-BETHLEHEM. *Ornithogalum nutans*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	ALGERIAN WHITE HOOP-PETTICOAT DAFFODIL	*Narcissus Bulbocodium var. Monophyllus	Small delicate plant with several solitary flowers and slender leaves. Not very hardy. Plant in Sept. or Oct., 5 in. deep and 3 in. apart. Bulbous. Prop. by offsets. A good well-drained soil. Give an occasional top-dressing. Algiers.	5-8 in. Half shade best	Late Apr., early May
"White"	BURBIDGE'S NARCISSUS	Narcissus Burbidgei	A short-cupped Narcissus similar to the Poet's N. Yellow cups edged with scarlet, and white base-petals. For cultivation, etc., see N. biflorus.	12-15 in. Half shade best	Mid. Apr. to late May
"White"	WHITE CREEPING FORGET-ME-NOT	*Omphalodes verna var. alba	Trailing plant. Flowers like Forget-me-nots in clusters on an erect stem; less pretty than the blue var. Good for rock-garden or for fringing walks. Prop. by division. Moist soil. Europe. Var. *plena-alba has double white flowers.	6 in. Sun or half shade	Apr., May
"Cream white"	DROOPING STAR-OF-BETHEM	Ornithogalum nutans	Star-shaped flowers, white backed with green, in racemes of 3 to 12. Foliage pale green, long and narrow. Pretty plant, good for covering bare places in wild gardens as it increases rapidly. Bulbous. Prop. by offsets. Europe; Asia Minor. See Plate, page 17.	8-12 in. Sun	"
"White"	WHITE ICELAND POPPY	**Papaver nudicaule var. album	Charming large cup-shaped flowers on graceful erect and leafless stems. Buds nodding. Good for cutting. Treat as an annual. Rock-gardens or borders. Prop. by seed. Light fairly rich soil. Arctic and Alpine Regions.	9-15 in. Sun	Late Apr. to mid. June; late Aug., Sept.
"White"	WHITE MOSS OR GROUND PINK	*Phlox subulata var. alba	Creeping evergreen plant thickly covered with small flowers which rise from a moss-like bed of foliage. Favorite rock-plant; good for carpeting rock-gardens or borders. Prop. by seed, division or cuttings. Light dry soil. N. Y., West and South. See Plate, page 18.	4-6 in. Sun	Late Apr. to late May
"White"	MOSS OR GROUND PINK, THE BRIDE	**Phlox subulata var. "The Bride"	Sheets of pink-centred flowers cover the thick moss-like bed of foliage. Excellent for carpeting. Prop. by seed, division or cuttings. Light dry soil. Hort.	4-6 in. Sun	"
"White"	NELSON'S MOSS OR GROUND PINK	*Phlox subulata var. Nelsoni	Resembles the preceding in habit, use and cultivation. Hort.	4-6 in. Sun	"



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Bluish white"	STRIPED SQUILL	* <i>Puschkinia scilloides</i> <i>Adamsia scilloides</i>	Resembles the Squill family. Flowers marked with blue, in clusters of 1-10. Foliage long and narrow. Good border or rock-garden plant, but cannot be crowded. Bulbous. Light soil. Asia Minor.	4-12 in. Sun	Late Apr., early May
"White" buds 23	FLOWERING MOSS, PYXIE	<i>Pyxidanthèra barbulata</i> <i>Diapensia barbulata</i>	Minute evergreen creeping plant growing in dense cushions. Buds rose-color, flowers white. Rock-garden. Prop. by division. Sand and leaf-mold. N. J. to N. C.	2 in. Sun or half shade	Apr., May
"White"	BLOOD-ROOT, RED PUCCOON	* <i>Sanguinaria Canadensis</i>	Large star-shaped flowers with yellow centres, surrounded by handsome dark foliage which springs from the root. Gives a charming effect in masses under deciduous trees. Prop. by division. Light, preferably moist soil. Eastern N. Amer. See Plate, page 21.	8 in. Sun or shade	Early Apr. to mid. May
"Dull white"	EARLY SAXIFRAGE	<i>Saxifraga Virginiensis</i>	Downy tufted plant. Numerous insignificant flowers in erect spikes. Leaves in rosette at base of plant. Protect with leaves. Suitable for rock-garden and used sometimes for border. Prop. by division. N. Eastern U. S. A.	4-9 in. Sun	Apr. to late June
"White"	WHITE SIBERIAN SQUILL	** <i>Scilla Sibírica</i> var. <i>álba</i>	See page 4.		Mid. Mar. to early May
"White"	EASTER DAISY of Colorado	<i>Townsendia sericea</i>	Low-growing, almost stemless plant with white or purple-tinted flowers, resembling Asters. Leaves very narrow. Western N. Amer.	6-12 in. Sun	Apr., May
"White"	NODDING WAKE-ROBIN	<i>Trillium cernuum</i>	Solitary flowers with wavy reflexed petals, somewhat hidden by the broad leaves. Pretty for moist borders among ferns or for naturalization under trees. Prop. by seed or division. Rich moist soil is best. Eastern N. Amer.	1 ft. or more Half shade	Late Apr. to early June
"White"	WHITE ILL-SCENTED WAKE-ROBIN	* <i>Trillium erectum</i> var. <i>álbum</i>	Showy. Charming flowers on graceful stems from which spring broad dark leaves. For use and cultivation see <i>T. cernuum</i> . N. Amer.	1 ft. or more Half shade	"
"Cream white"	EARLY WAKE-ROBIN	<i>Trillium nivale</i>	Dwarf species. Flowers solitary on erect or drooping stalks. Foliage narrow. Pretty for the wild garden or border. Prop. by seed or division. Moist rich soil is best. U. S. A.	5 in. Half shade	Late Apr., May
"White"	PAINTED WAKE-ROBIN	<i>Trillium undulatum</i> <i>T. erythrocarpum</i> , <i>T. pictum</i>	Large handsome flowers marked with crimson. Large leaves on the flower-stalks. Pretty in moist borders, among ferns, or naturalized under trees. For cultivation see <i>T. nivale</i> .	1 ft. or more Half shade	"



BLOOD-ROOT. *Sanguinaria Canadensis*.



CANADA VIOLET. *Viola Canadensis*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See color "various," page 64.		Late Apr. to late May
"White"	TULIP	** <i>Tulipa</i> vars.	Double Early Bedding Tulips. See color "various," page 64.		"
"White"	WHITE GENTIAN-LEAVED SPEEDWELL	* <i>Verónica gentianoides</i> var. <i>álba</i>	Pretty tufted plant. Small flowers borne in erect spikes on leafy stems above the carpet of foliage. Good for border or rock-garden and for covering bare places. Prop. by division. Any soil. Hort.	6-24 in. <i>Sun or half shade</i>	"
"White"	COMMON WHITE PERIWINKLE OR RUNNING MYRTLE	* <i>Vinca minor</i> var. <i>álba</i>	Trailing evergreen. Large solitary flowers and dark glossy foliage. Spreads rapidly forming a thick carpet for bare places, under trees or in rock-garden. Prop. by division or cuttings. Easily cultivated in any ordinary soil. Europe.	2-6 in. <i>Sun or shade</i>	Late Apr. to June
"White"	SWEET WHITE VIOLET	<i>Viola blánda</i>	Common species. Small flowers somewhat veined with lilac and faintly fragrant. Round leaves minutely downy. Prop. by division. Found in low wet places. N. Amer.	2-6 in. <i>Sun</i>	Apr., May
"White" tinged with 43	CANADA VIOLET	<i>Viola Canadénsis</i>	Common in rich woods. Flowers tinged with purple. Pointed heart-shaped leaves. Vigorous grower; good under shade of trees. Prop. by division. N. Amer. See Plate, page 22.	3-14 in. <i>Half shade</i>	Late Apr. to Mid. June
"White"	WHITE DOG VIOLET	<i>Viola canína</i> var. <i>álba</i>	Petals pinkish outside. Plant in masses in a shady spot of rock or wild garden. Prop. by division. Europe.	3-5 in. <i>Half shade</i>	Late Apr. to late May
"White"	WHITE HORNED VIOLET OR BEDDING PANSY	** <i>Viola cornúta</i> var. <i>álba</i>	Vigorous tufted plant bearing a continuous profusion of sweet-scented flowers the size of small Pansies. Clean bright foliage. Good for cutting and excellent for border or rock-garden and for spring bedding. Prop. by seed, division or cuttings. Any good soil. Pyrenees.	5-8 in. <i>Sun or half shade</i>	Late Apr. until frost
"White"	SWEET VIOLET	<i>Viola odoráta</i> var. <i>álba</i>	Tufted Violet with creeping runners. Flowers very fragrant. Heart-shaped leaves. Should be naturalized in large quantities. Prop. by seed and division. Loose, rich sandy soil preferable. Europe.	6 in. <i>Half shade</i>	Late Apr. to late May
"Yellow" 5	SPRING ADONIS, OX EYE	** <i>Adónis vernális</i> <i>A. Apennína</i> , <i>A. Davúrica</i>	Alpine plant. Dense tufts bear large buttercup-like flowers. Very finely cut foliage in whorls. Useful for rock-garden or border. Prop. by seed sown when gathered, or by division. Light sandy soil. Europe.	8-15 in. <i>Sun or half shade</i>	Mid. Apr. to June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 4	GOLDEN GARLIC	** <i>Allium Moly</i>	Flowers in round clusters surmounting a slender stem. Leaves lance-shaped. Easily cultivated. Good in masses. Bulbous. Prop. by offsets and seed. Hungary; the Pyrenees.	1 ft. <i>Sun or shade</i>	Mid. Apr. to June
"Lemon yellow" 2	AUSTRIAN MADWORT	* <i>Alýssum Gemonense</i>	Shrubby habit. Less hardy than <i>A. saxatile</i> , but with larger flowers. Rock-plant. Prop. by seed, division and cuttings. Europe.	9-12 in. <i>Sun</i>	Apr., May
"Golden yellow" 5	ROCK MADWORT, GOLDEN-TUFT	** <i>Alýssum saxatile</i>	Excellent rock-plant of spreading habit covered with numerous clusters of small flowers which form an effective mass of color in border or rock-garden. Good for edgings. If cut after flowering it will bloom again, even after frost. Prop. by seed, division or cuttings. Of easy culture. Prefers a well-drained soil. Europe. See Plate, page 25. <i>A. saxatile</i> var. <i>variegatum</i> is a variegated form. * <i>A. saxatile</i> var. <i>floroplano</i> is a double var., a splendid rock-plant and good for the front of borders.	1 ft. <i>Sun</i>	Mid. Apr. to late May
"Yellow" 5	COMPACT ROCK MADWORT OR GOLDEN-TUFT	** <i>Alýssum saxatile</i> var. <i>compactum</i>	A compact var. of <i>A. saxatile</i> . Fragrant flowers in clusters. Foliage silvery. Used for rockwork or border. See <i>A. saxatile</i> . Europe.	1 ft. <i>Sun</i>	Mid. Apr. to June
"Golden yellow" bet. 1 & 2	YELLOW WOOD ANEMONE	* <i>Anemone ranunculoides</i>	Plant resembles the Apennine Anemone. Flowers single or semi-double, usually solitary. Leaves deeply cut. Good rock-garden plant. Rich light soil. Europe; Siberia.	3-8 in. <i>Sun or shade</i>	Apr., May
"Yellow" 2	YELLOW CANADIAN COLUMBINE	* <i>Aquilegia Canadensis</i> var. <i>flaviflora</i> <i>A. C.</i> var. <i>flavescens</i> . <i>A. carulea</i> var. <i>flavescens</i>	Pretty variety. Flowers droop over the grayish foliage. Plant in sheltered situation in the rock-garden or border. Prop. by seed sown as early as possible, or by division. Deep sandy loam. N. Amer.	1-2 ft. <i>Sun</i>	Late Apr. to early July
"Yellow" 5	PROPHET FLOWER	<i>Arnica echioides</i> <i>Macrotomia echioides</i>	Slightly curving spikes of flowers with purple spots which gradually disappear. Spreading leaves. Does well in a northern exposure. Suitable for rock-gardens. Prop. by seed, division or cuttings. Moist, but well-drained soil. Caucasus.	3-12 in. <i>Half shade</i>	Apr., May
"Yellow" 5	DOUBLE MARSH MARIGOLD	<i>Caltha palustris</i> var. <i>floroplano</i> <i>C. p.</i> var. <i>monströsa-plena</i>	Double form of our native plant. Flowers 1½ in. broad. Good for cutting. Prefers wet places, but does well in a rich border. Hort.	1-2 ft. <i>Sun or half shade</i>	"



ROCK MADWORT. *Alyssum saxatile*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Greenish yellow" green & 2	BLUE COHOSH	<i>Caulophyllum thalictroides</i>	Native plant of the Barberry family. Racemes of small flowers, succeeded by deep blue berries. Foliage dark and finely cut. Good for wild garden. Prop. by division. Grows well in rich soil or peat. N. Amer.	1-2½ ft. Half shade	Apr., May
"Yellow" 6	CROCUS	** <i>Cròcus</i> vars.	See page 8.		Mid. Mar. to late Apr.
"Deep yellow" 6	CLOTH OF GOLD CROCUS	* <i>Cròcus Susiànus</i>	See page 4.		"
"Yellow" 4	EVER-GREEN WHITLOW GRASS	<i>Draba Aizoon</i>	Tiny Alpine plant bearing a profusion of small flowers rising from dense rosettes of stiff dark green linear foliage. Plant on walls or in masses in rock-garden. Prop. by fall-sown seed, generally by division. Well-drained soil. Europe.	3 in. Sun	Late Apr., May
"Yellow" 4	ALPINE WHITLOW GRASS	<i>Draba alpina</i>	Flower-stems hairy; leaves lance-shaped. For description see <i>D. Aizoon</i> .	3 in. Sun	"
"Yellow" 4	COMMON WINTER ACONITE	** <i>Eránthis hyemàlis</i>	See page 4.		Mar., Apr.
"Sulphur yellow" 4	ALPINE WALL-FLOWER	<i>Erýsimum ochroleücum</i>	Resembles the Wallflower. Flowers cover the plant thickly. Foliage forms a dense tuft. Good for front of border, dry banks and rock-gardens. "On level ground it is likely to lose lower leaves and to perish on heavy soils in a hard winter." Prop. by division and cuttings. Spain.	6-12 in. Sun	Late Apr., May
"Yellow" 1	COMMON ADDER'S TONGUE OR DOGTOOTH VIOLET	** <i>Erythrònium Americànum</i>	Charming lily-like drooping flowers with recurved petals, sometimes purple-tinged. Long narrow mottled leaves. Excellent for rock-garden, to naturalize or to plant in <i>Rhododendron</i> beds. Mulch in winter. Bulbous. Prop. by seed and off-sets. Light peaty soil. Eastern U. S. A.; Canada. See Plate, page 26.	6 in. Half shade	Late Apr. to late May
"Yellow" 15 yellower & lighter	LEMON-COLORED DOGTOOTH VIOLET	* <i>Erythrònium citrinum</i>	Pretty native plant. Flowers with broad petals much reflexed, tipped with pink, 1-3 on the stem. Leaves mottled. For location and cultivation see <i>E. Americanum</i> . N. Amer.	6 in. Shade	Late Apr. to mid. May
"Yellow" 5 light	LARGE-FLOWERED DOGTOOTH VIOLET	** <i>Erythrònium grandiflorum</i> <i>E. gigantium</i>	Attractive native plant. One to six flowers on slender stems. Handsome unmottled leaves. Blooms early. Naturalize under deciduous trees. For location and cultivation see <i>E. Americanum</i> . N. Western Amer.	6 in. Half shade or shade	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 2 pale & greenish	MYRSIN- ITES-LIKE SPURGE	* <i>Euphórbia</i> <i>Myrsinites</i>	Low prostrate plant. Flowers in umbels surrounded by leaflets. Pulpy whitish green leaves. Good for rock-gardens. Prop. by division. Any soil. S. Europe.	1 ft. <i>Sun</i>	Mid. Apr. to late May
"Bright yellow" 5	GOLDEN FRITILLARY	* <i>Fritillária</i> <i>aurea</i>	Solitary drooping bell-shaped flowers checkered with brown. Deep green lance-shaped leaves generally in whorls of three. Replanting every 3 or 4 years necessary. Bulbous. Prop. by offsets. Deep sandy loam. Cilicia.	6-12 in. <i>Shade</i>	Mid. Apr. to June
"Green- ish yellow" 2 deep & greenish	PALE- FLOWERED FRITILLARY	* <i>Fritillária</i> <i>pallidiflora</i>	Large pale bell-shaped flowers. Bluish green foliage. Pretty for the border and rock-garden. For cultivation see <i>F. aurea</i> . Siberia.	6-15 in. <i>Shade</i>	"
"Yellow" 5	SHY FRITILLARY	* <i>Fritillária</i> <i>púdice</i>	A charming plant and graceful species with fragrant bell-shaped uncheckered flowers, solitary and drooping. Long and narrow grayish leaves. Replanting every 3 or 4 years necessary. Give slight shelter. Bulbous. Prop. by offsets. Deep sandy loam mixed with leaf-mold. Also a purple var. N. Western Amer.	6-12 in. <i>Half shade</i>	Mid. Apr. to mid. May
"Yellow"	DUTCH HYACINTH	<i>Hyacínthus</i> <i>orientális</i> vars.	See color "various," page 59.		Late Apr., May
"Yellow" 5	HOOP- PETTICOAT DAFFODIL	* <i>Narcíssus</i> <i>Bulbocóidium</i>	Small delicate species with several solitary flowers and slender leaves. Pretty but not very hardy. Plant in Sept. or Oct., 5 in. deep and 3 in. apart. Prop. by offsets. Any good well-drained soil. Give an occasional top-dressing. S. France; Spain.	5-8 in. <i>Half shade best</i>	Late Apr. to late May
"Yellow mixed"	STAR DAFFODIL	** <i>Narcíssus</i> <i>incomparábilis</i> & vars.	A vigorous species which increases rapidly. Solitary scentless flowers. Plant in rows or masses in the border or edge of shrubbery in Sept. or Oct., 6 in. deep and 6 in. apart. Cover in winter. In 5 or 6 years the bulbs become crowded and should be separated. Bulbous. Prop. by offsets. Any good well-drained soil. Give an occasional top-dressing. S. Spain; France to the Tyrol. See Plate, page 20 The following are some of the best garden vars. They are hardy and increase rapidly. <b>Medium Trumpet Narcissi, Single vars.</b> —** <i>Barrii</i> <i>Conspicuus</i> ; (petals color no. 2, cup 5), yellow crown, edged with orange-scarlet, and broad spreading primrose base-petals; unexcelled for cutting, lasting long in water. * <i>Incomparabilis cynosure</i> ; (color no. 2, crown 5), large base-petals with	12-15 in. <i>Half shade best</i>	Mid. Apr. to mid. May



STAR DAFFODIL "SIR WATKIN." *Narcissus incomparabilis* "Sir Watkin."



STAR DAFFODIL VAR. LEEDSII. *Narcissus Leedsii*.



JONQUIL. *Narcissus Jonquilla*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p>bold orange crown. <i>**Incomparabilis Sir Watkin</i>, Giant Welsh Daffodil; (petals color no. 3, cup 6), rich golden yellow cup, beautifully fringed, very large primrose base-petals. <i>*Incomparabilis Stella</i>; (white and color no. 5), pure white base-petals, with bright yellow crown; blooms early. <i>*Leedsii</i>; (color nos. 2 pale &amp; 3 light), white base-petals, pale primrose cup which becomes white; fragrant. See Plate, page 30. <i>**Leedsii Amabilis</i>; (color nos. 2 pale &amp; 3 light), pure white base-petals, and long lemon-yellow crown; a very beautiful var. <i>**Leedsii Duchess of Brabant</i>; (color nos. 2 pale &amp; 3), white base-petals small canary-yellow cup; a pretty var. <i>*Nelsoni Major</i>; (color nos. 2 pale &amp; 4), large white base-petals, and long fluted bright yellow cup.</p> <p><b>Double vars.</b>—These bloom somewhat later and are not so charming as the single vars. <i>Incomparabilis Orange Phoenix</i>, Eggs and Bacon; (color no. 7 &amp; white), very large double cream white and orange flower of great beauty. <i>Incomparabilis plenus</i>, Butter and Eggs; (color no. 2, centre 5), large double yellow flowers with orange centres. <i>Incomparabilis Silver Phoenix</i>, Codlins and Cream; (color no. 3 &amp; white), one of the finest double sorts, with large pale creamy white fragrant flowers.</p>		
"Yellow" 3	JONQUIL	<i>*Narcissus Jonquilla</i> & vars.	<p>Delicate and graceful species; 2-6 flowers on a stalk. Plant in Sept. or Oct., 5 in. deep and 3 in. apart. Prop. by offsets. Any good well-drained soil. Give an occasional top-dressing. S. Europe; Algeria. See Plate, page 30.</p> <p><b>Vars.</b>—Double and Single, Sweet scented; deep yellow. <i>Campernelle</i>; (color no. 5), large deep yellow flowers, excellent for cutting. <i>Rugulosus</i>; (color no. 4), very fragrant deep yellow flowers; the largest Jonquil.</p>	8-15 in. Half shade best	Apr., early May
"Yellow mixed"	COMMON OR TRUMPET DAFFODIL, LENT LILY	<i>**Narcissus Pseudo-Narcissus</i> vars.	<p>Hardy and common species. Usually a single Trumpet Narcissus, but having also double forms in which the trumpet disappears. Plant in Sept. or Oct., 6-8 in. deep and 4 in. apart. Cover in winter and separate after 5 or 6 years. Plant in rows or masses in the border or on the edge of shrubbery. Prop. by offsets. Any good</p>	12-18 in. Half shade best	Late Apr., May



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow mixed"			well-drained soil. Give an occasional top-dressing.		
			<p>The following is a list of hybrids. This is an especially beautiful group, but not so hardy as the Medium Trumpet Narcissus.</p> <p><b>Large Trumpet Narcissi. Single vars.</b>—**<i>Ard Righ</i>; (color nos. 3 &amp; 4), large flowers blooming early. **<i>Emperor</i>; (color no. 3, cup 4), immense flowers with golden yellow trumpets, and deep primrose base-petals; hardy. *<i>Golden Spur</i>; (color no. 3, cup 4), large flowers with immense trumpets. *<i>Henry Irving</i>; (color no. 4), very handsome golden yellow flowers with large trumpet recurved at the tip, and broad overlapping base-petals. *<i>Johnstoni</i>, Queen of Spain; (color no. 2), sulphur-yellow flowers; blossoms early. *<i>Nanus</i>; (color no. 3), about 6 in. high, bearing clear yellow flowers which bloom early. *<i>Obvallaris</i>, Tenby Daffodil; (color nos. 4 &amp; 3 bright), bright yellow flowers with wide trumpets and broad base-petals; quite hardy. *<i>Princeps</i>; (color no. 2, cup 3), large yellow trumpets and pale primrose base-petals. **<i>Rugilobus</i>; (color no. 4 to 3 light), large golden yellow trumpets and broad primrose base-petals; a free bloomer. **<i>Spurius</i>; (between color nos. 3 &amp; 5), one of the finest Trumpet Daffodils, clear yellow flowers with large wide-mouthed trumpets. **<i>Trumpet Major</i>; (color no. 5), very effective golden yellow flowers. **<i>Trumpet Maximus</i>; (color no. 2, cup 5), golden yellow flowers with fringed trumpets and twisted base-petals. *<i>Trumpet Minor</i>; is a dwarf form of <i>T. Maximus</i>, about 5 in. high. *<i>Empress</i>; (color no. 2, cup 4), one of the best Daffodils, rich yellow trumpet and broad cream-white base-petals. **<i>Gracdee Maximus</i>; (color no. 2, cup 5) large golden yellow trumpet and broad cream-white finely imbricated base-petals. **<i>Horsfieldii</i>, King of the Daffodils; (color no. 2, cup 5), large golden yellow trumpet and cream-white base-petals. *<i>Scotticus</i>; (color no. 4), deep yellow trumpet beautifully serrated, white base-petals; not quite hardy.</p> <p><b>Double vars.</b>—<i>Telemonius plenus</i>, <i>Van Sion</i>; "Old Double Yellow Daffodil"; (color nos. 5 &amp; 6), very large deep golden yellow flowers. See Plate, page 33.</p>	12-15 in. <i>Half shade best</i>	Apr. to mid. May



DOUBLE TRUMPET DAFFODIL. *Narcissus Pseudo-Narcissus double var.*



ENGLISH COWSLIP. *Primula officinalis*.



ORANGE GLOBE FLOWER. *Trollius Asiaticus*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5 or 6 brilliant	ICELAND POPPY	** <i>Papaver nudicaule</i>	Lovely plant. Large solitary cup-shaped flowers on graceful leafless stems; nodding buds. Not enduring; should be treated as an annual. If cut back flowers almost continuously from spring until frost. Mass in border or rock-garden. Prop. by seed. Light rather rich soil. Arctic Regions.	9-15 in. <i>Sun</i>	Late Apr. to July, late Aug. to Oct.
"Pale yellow" 2	COMMON EUROPEAN OR TRUE PRIMROSE	* <i>Primula acaulis</i> <i>P. grandiflora</i> <i>P. vulgaris</i>	Several solitary flowers, 1 in. across on naked stems, rise above the pretty tuft of foliage. Slight protection needed in winter. Very pretty in sheltered positions in the rock-garden or border. Prop. by seed and offsets. Rich light soil, not dry. England; Europe.	6-9 in. <i>Half shade</i>	Mid. Apr. to June
"Yellow" 3	ENGLISH COWSLIP	** <i>Primula officinalis</i>	Six to twelve small cup-shaped flowers drooping in one-sided clusters which rise high above the rosette of foliage. Charming in sheltered positions in the rock-garden or border. Protect in winter. Prop. by seed. Rich light soil, not dry. N. and Central Europe. See Plate, page 34.	6-12 in. <i>Half shade</i>	Late Apr. to late May
"Orange yellow" 6	ORANGE GLOBE FLOWER	** <i>Tröllius Asiaticus</i>	Large solitary flowers, 1-2 in. across, less globular than <i>T. Europæus</i> , on leafy stems. Foliage bronze-green and finely divided. Good for cutting. Popular border plant. Prop. by division or seed which will flower the second year. Prefers a damp peaty soil. Siberia. See Plate, page 34.	1 ½-2 ft. <i>Sun or half shade</i>	Late Apr. to late May, early Aug. to Oct.
"Yellow"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See color "various," page 64.		Late Apr. to late May
"Yellow"	TULIP	** <i>Tulipa</i> vars.	Double Early Bedding Tulips. See color "various," page 64.		"
"Yellow" 3	VARIEGATED COLTSFOOT	<i>Tussilago Färfara</i> var. <i>variegata</i>	Somewhat coarse spreading plant. Dandelion-like flowers. Grown chiefly for its large downy leaves margined and spotted with white. Apt to spread too readily. Wild garden. Associate with ferns, etc. Prop. by runners. Grows in stiff clay. Hort.	6-8 in. <i>Shade</i>	Apr.
"Yellow" 6	YELLOW HORNED VIOLET OR BEDDING PANSY	** <i>Viola cornuta</i> var. <i>lutea major</i>	One of the many charming yellow varieties of this species. Excellent for border or rock-garden. Prop. by seed, division or cuttings. Any good soil.	5-8 in. <i>Sun or half shade</i>	Late Apr. until frost
"Yellow" effect 2 light	HAIRY YELLOW VIOLET	<i>Viola pubescens</i>	Common in our woods. Softly downy. Lower petals purple veined. Broad heart-shaped leaves. Plant in a shady part of rock or wild garden. Prop. sometimes by seed, generally by division. N. Amer.	6-12 in. <i>Half shade</i>	Late Apr. to late May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 4	EARLY OR GOLDEN MEADOW PARSNIP	<i>Zizia aurea</i>	Flowers in flat-topped clusters. Plant in masses in the wild garden. N. Amer.	1-2½ ft. <i>Sun</i>	Late Apr. to late May
"Orange yellow" 5	GOLDEN BLOOMERIA	<i>Bloomeria aurea</i> <i>Nothoscordum aureum</i>	Round clump of flowers surmounting a slender stem. Foliage grass-like springing from the root. Winter protection of leaves or litter. Bulbous. Flowers from seed in 4 years. Warm sandy soil. Cal.	6-18 in. <i>Sun</i>	Apr., May
"Orange"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See color "various," page 59.		Late Apr., May
"Deep orange" bet. 12 & 17	ORANGE ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>aurantiacum</i>	Charming large cup-shaped flowers on graceful erect and leafless stems; buds nodding. Treat as an annual. If cut back flowers almost continuously from spring until frost. Rock-garden or border. Prop. by seed. Light soil, fairly rich. Arctic Regions.	9-15 in. <i>Sun</i>	Late Apr. to July, late Aug. to Oct.
"Deep orange" bet. 12 & 17	SMALL ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>miniatum</i>	Very showy var. See <i>P. nudicaule</i> var. <i>aurantiacum</i> .	9-15 in. <i>Sun</i>	Late Apr. to July, mid. Aug. to Oct.
"Scarlet" 19 & 4	WILD COLUMBINE	* <i>Aquilegia Canadensis</i>	Compact native plant of slender growth, with many flowers. Effect is scarlet, but petals are yellow, with spurs of brilliant scarlet and protruding stamens. Pretty foliage. Useful for wild or rock-garden. Prop. preferably by seed. Any ordinary soil. N. Amer. See Plate, page 37.	1-2 ft. <i>Sun or shade</i>	Late Apr. to mid. June
"Orange scarlet" 17	CALIFORNIAN COLUMBINE	* <i>Aquilegia truncata</i> <i>A. Californica</i> , <i>A. eximia</i>	Drooping yellow-tinged flowers with short blunt petals and stout spurs. Border plant. Prop. by seed or careful division. Sandy loam, deep and well-drained. Cal.	2-3 ft. <i>Sun or half shade</i>	Apr. to early June
"Red"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See color "various," page 59.		Late Apr., May
"Brownish red" 28 neutral & lighter	ILL-SCENTED WAKE-ROBIN	* <i>Trillium erectum</i> <i>T. pendulum</i> <i>T. purpureum</i> <i>T. fatidum</i>	Charming flowers on graceful stems from which spring broad dark leaves. Pretty for damp borders, to plant among ferns, or to naturalize under trees. Prop. by seed or division. A rich moist soil is best. N. Amer.	1 ft. or more <i>Half shade</i>	Late Apr. to early June
"Red"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See color "various," page 64.	See	Late Apr. to late May
"Red"	TULIP	** <i>Tulipa</i> vars.	Double Early Bedding Tulips. See color "various," page 64.	See	"



WILD COLUMBINE. *Aquilegia Canadensis*.



GREIG'S TULIP. *Tulipa Greigi*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Red" 19	GREIG'S TULIP	** <i>Tulipa Greigi</i>	Very showy. Large flowers 5 in. across with dark spots at base of petals. Leaves marked with purple. Effective in masses. Plant in late Sept. or Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. Best to protect in winter and to give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is poor, put sand around the bulb. Turkestan. See Plate, page 38.	3-8 in. <i>Sun</i>	Late Apr. to mid. May
"Intense pink" 27 lighter	LAUCHE'S THRIFT OR SEA PINK	** <i>Armèria maritima</i> var. <i>Laucheana</i> <i>A. Laucheana</i>	Flowers in dense heads spring from cushions of foliage. Easily grown and blooms profusely. Excellent for rock-garden or for edging. Prop. by seed and division. Any garden soil. Hort.	3-6 in. <i>Sun</i>	Late Apr. to mid. June
"Pink" 31 deeper & redder	LEICH-TLIN'S ROCK CRESS	* <i>Aubriètia deltoidea</i> var. <i>Leichtlini</i>	Creeping plant, usually evergreen, covered in spring with a profusion of flowers. Leaves grayish. Attractive when trailing over rocks and when used for edgings. Prop. by seed, division or cuttings. Easily grown. S. Europe.	2-10 in. <i>Sun or half shade</i>	Late Apr., May
"Pink" 29 & white	ENGLISH DAISY	* <i>Béllis perénis</i>	A plant of neat effect. Rays white, tipped with pink or red, so numerous as frequently to conceal the yellow centre. Should be protected in winter. Desirable for edging and border. Prop. by seed in spring or division in Sept. Rich soil. W. Europe. See Plate, page 41.	3-6 in. <i>Sun</i>	Mid. Apr. to mid. June
"Rose" 36 & 23	CAROLINA SPRING BEAUTY	<i>Claytônia Caroliniàna</i>	Spreading dwarf plant. Flowers in loose racemes on slender stems, pretty, but of few days' duration. Good for the wild or rock-garden. Tuberous plant. Prefers moist soil. Minn. to the Atlantic and S. to the Mts. of N. C.	6 in. <i>Half shade</i>	Late Apr., May
"Light pink" 36	SPRING BEAUTY	<i>Claytônia Virgínica</i>	Flowers are larger and more numerous than in <i>C. Caroliniàna</i> . Slender stem bears loose clusters of star-shaped flowers, veined with deeper pink, which pass quickly. Plant six to twelve together in wild or rock-garden. Tuberous plant. Moist rich soil. Middle and Eastern U. S. A.	6-12 in. <i>Half shade</i>	Apr., May
"Deep pink" 29	GARLAND FLOWER	** <i>Dáphne Cneðrum</i>	Charming dense trailing evergreen shrub with close clusters of deliciously fragrant flowers and crimson buds. Attractive dark glossy foliage. Often blooms again in summer. Plant in sheltered position in front of shrubs or in the rock-garden. Prop. by layers or cuttings of half ripe wood. Light loam well-drained and enriched. Europe.	6-12 in. <i>Sun or half shade</i>	Late Apr., May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rose" 30	BLEEDING HEART	** <i>Dicentra spectabilis</i> <i>Dielytra spectabilis</i>	Var. <i>majus</i> ; (color no. 30), "deep pink." Of stronger growth than the type. Hort. The best species of <i>Dicentra</i> . An excellent perennial. Arching stems bear drooping heart-shaped flowers with white protuberances. Handsome deeply-cut foliage. Good old-fashioned border plant. Prop. by division of crown or roots. Light loam not too rich. Japan.	1-2 ft. <i>Half shade best</i>	Late Apr. to mid. July
"Pinkish" 36 or 29	MAY-FLOWER, TRAILING ARBUTUS, GROUND LAUREL	* <i>Epigaea repens</i>	The well-known and lovely plant, native of the woods, with fragrant flowers in clusters amidst dark glossy foliage. Difficult of culture. Plant in the wild garden. Prop. by layers, cuttings or division. Moist soil, sand and leaf-mold. U. S. A. east of the Mississippi.	2-4 in. <i>Shade</i>	Apr., early May
"Pink"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See color "various," page 59.		Late Apr., May
"Pink" 29 pale	RED ALPINE CAMPION	* <i>Lýchnis alpina</i> <i>Viscaria alpina</i>	Star-like flowers in showy clusters. Foliage thick at base of plant. Plant in the border or rock-garden. Prop. by seed or division. Ordinary light garden soil. N. Asia; Europe; Amer.	6-12 in. <i>Sun</i>	"
"Magenta" bet. 44 & 38 dull	DARK PURPLE MOSS PINK	* <i>Phlox subulata</i> var. <i>atropurpurea</i>	Creeping evergreen plant covered with masses of small flowers which rise from a moss-like bed of foliage. Good carpeting plant for rock-garden or border. Prop. by seed, division or cuttings. Dry light soil. Hort.	4-6 in. <i>Sun</i>	"
"Rose"	LEAFY MOSS PINK	* <i>Phlox subulata</i> var. <i>frondosa</i>	For description and cultivation see <i>P. subulata</i> var. <i>atropurpurea</i> . Hort.	4-6 in. <i>Sun</i>	"
"Pink" bet. 29 & 32	THICK-LEAVED SAXIFRAGE	* <i>Saxifraga crassifolia</i>	Showy and spreading. Drooping masses of flowers high above the large clustered leaves. Protect in winter. One of the most popular rock-plants. Prop. by division or offshoots. Any soil. Siberia.	12-15 in. <i>Half shade</i>	Late Apr. to late May
"Bright pink" 29	WILD PINK	* <i>Silene Pennsylvanica</i>	Small attractive plant. Flowers in nodding clusters of 6 or 8 about 1 in. across. Foliage mostly about the root. Good rock-garden plant. Prop. by seed or cuttings. Sandy soil. Eastern U. S. A.	6-9 in. <i>Sun</i>	Late Apr., May
"Pale flesh-color" white turns 36	TINY TRILLIUM	<i>Trillium pusillum</i>	Flowers small, about an inch long, on erect stems. Leaves lance-shaped or oblong. Pretty in moist borders among ferns and naturalized under trees. Prop. by seed and division. Rich moist soil. N. Amer.	1 ft. <i>Half shade</i>	Late Apr. to late May
"Pink"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See color "various," page 64.		"



ENGLISH DAISY AND POET'S NARCISSUS. *Bellis perennis* and *Narcissus poeticus*.



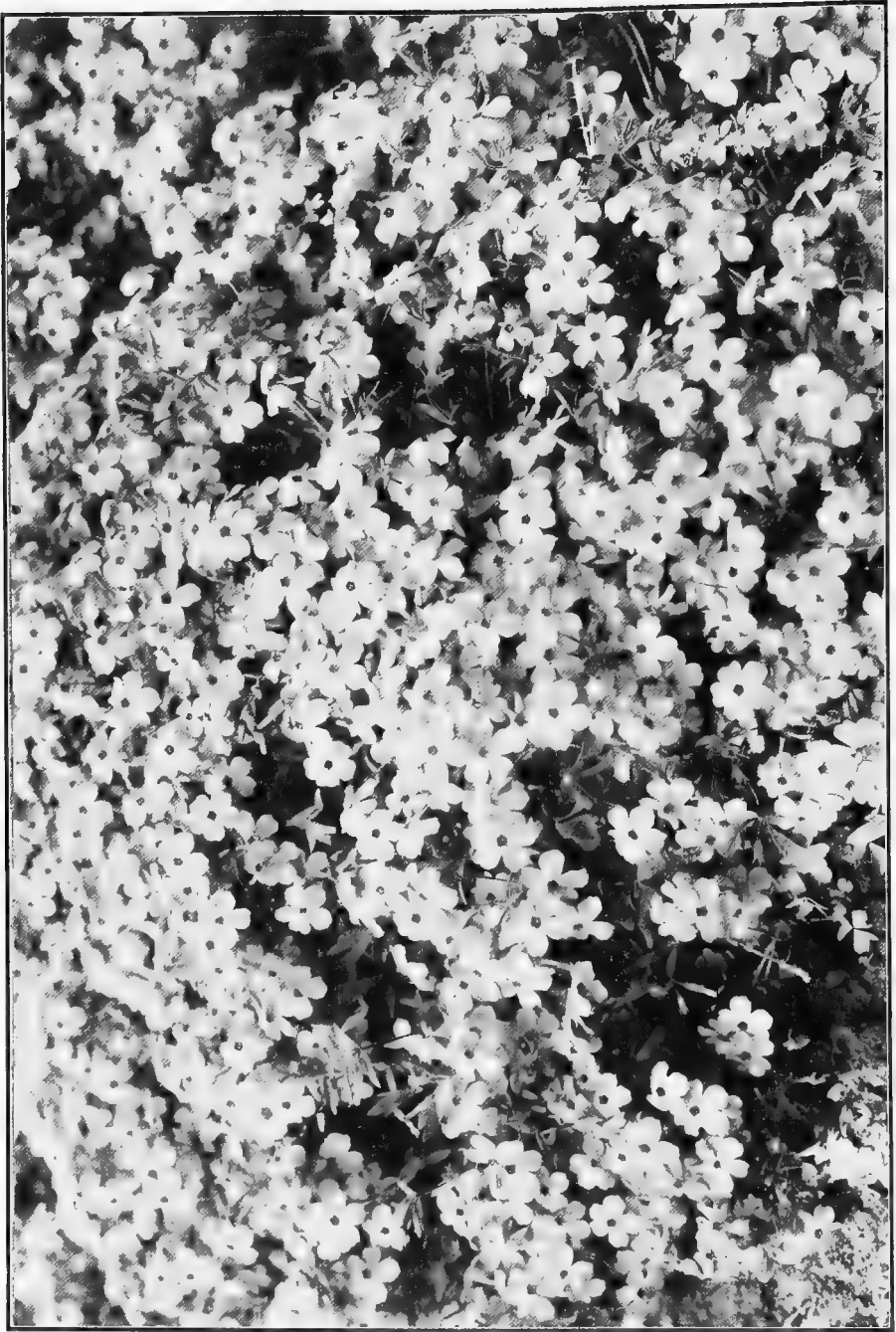
Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink"	TULIP	** <i>Tùlipa</i> vars.	Double Early Bedding Tulips. See color "various," page 64.		Late Apr. to late May
"Rosy" bet. 36 & 37	DOUBLE PINK PERIWINKLE OR MYRTLE	<i>Vínca</i> minor var. <i>ròsea plèna</i>	A rare form with double flowers of unusual and conspicuous color. Its habit of growth is the same as that of the Common Myrtle. Prop. by division or cuttings. Any ordinary garden soil. Hort.	2-6 in. Sun	Late Apr. to June
"Pale purple" white to 44 bluer	CAROLINA WIND-FLOWER	<i>Anemòne Caroliniàna</i> <i>A. decapétala</i>	Single flowers 1-1½ in. across on slender stems. Color varies to white. Foliage much divided. Wild garden. Tuberous. Prop. by seed and division. Rather rich light sandy loam. U. S. A.	6-12 in. Sun	Apr., May
"Lilac" 50	AMERICAN PASQUE FLOWER, WILD PATENS	* <i>Anemòne patens</i> var. <i>Nuttalliàna</i> <i>Pulsatilla hirsutissima</i> (Brit.)	Star-shaped flowers on erect stems. Fine foliage. Good for the wild garden. Prop. by seed or division. U. S. A.; Siberia.	4-9 in. Shade	"
"Purple" 44 or 37	PASQUE FLOWER	* <i>Anemòne Pulsatilla</i> <i>Pulsatilla vulgaris</i> <i>A. acutipitala</i>	Flowers varying to lilac, 1½-2½ in. across, erect on hairy stems. Leaves much divided. Adapted for rockwork or border. Prop. by seed or division. Well-drained or rocky soil. Europe; Siberia.	9-12 in. Sun or shade	Early Apr. to late May
"Pinkish lavender" 37	ALPINE THRIFT	* <i>Armèria alpina</i>	Flowers in compact heads spring from cushions of needle-like evergreen foliage. Blooms freely and is of easiest culture. Excellent for rock-garden and for edging. Prop. by seed and division. Any garden soil. Europe. See Plate, page 42.	6-9 in. Sun	Late Apr. to mid. June
"Dark violet" 48 or 47	PURPLE ROCK CRESS	** <i>Aubriètia deltoidea</i>	Creeping Alpine plant usually evergreen and covered in blooming season with a profusion of small flowers. Leaves grayish. Pretty for rock-garden, border and edging. Prop. by seed, layers and cuttings. Any garden soil. S. Europe.	2-10 in. Sun or half shade	Early Apr. to late May
"Dark violet" 48 lighter	EYRE'S PURPLE ROCK CRESS	<i>Aubriètia deltoidea</i> var. <i>Eyrei</i>	Large flowered and branching var. Rock plant of trailing habit thickly covered with flowers when in bloom. Good for edging and rock-garden. Prop. by layers and cuttings. Thrives in stony places or any garden soil. S. Europe.	2-10 in. Sun	Late Apr., May
"Dark violet" 46 & white	GRECIAN PURPLE ROCK CRESS	* <i>Aubriètia deltoidea</i> var. <i>Græca</i>	A compact large-flowered var. Hort.	2-10 in. Sun	Mid. Apr. to late May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Dark violet" 56	OLYMPIAN PURPLE ROCK CRESS	*Aubriëtia deltoidea var. Olympica	Large flowers. Similar to var. Eyrei. Hort.	2-10 in. Sun	Late Apr., May
"Purple" 47 light	DEEP PURPLE ROCK CRESS	*Aubriëtia deltoidea var. purpurea	More erect than the type, with larger flowers borne on leafy stalks, covering the plant with bloom. Pretty for edging or for carpeting. Prop. by seed, cuttings or layers. Rich deep loam is best. Europe.	2-10 in. Sun or half shade	Mid. Apr. to late May
"Rosy purple" 39	SPRING MEADOW- SAFFRON	**Bulbocod- dium vernum	One to three flowers resembling Crocuses spring from each bulb. Large broad leaves appear after the flowers. Rock-garden or border. Bulbs should be divided every 3 years. Prop. by offsets. Plant in light sandy soil. Alps of Europe.	4-6 in. Sun	Apr.
"Rosy purple" 39	BEAR'S EAR SANICLE	Cortusa Matthioli	Choice but delicate downy Alpine plant resembling Primula cortusoides. Drooping flowers in clusters. Winter protection necessary. Rock-garden plant. Prop. by seed sown when gathered. Moist loam, sand and peat. Swiss Alps.	6 in. Half shade or shade	Apr., May
"Purple"	CROCUS	**Crocus vars.	See page 8.		Mid. Mar. to late Apr.
"Lilac" often bet. 43 & 45	COMMON DOGTTOOTH VIOLET of Europe	**Erythronium Dens-Canis	Pretty solitary drooping flowers; color varies from rosy purple to white. Leaves mottled with reddish brown. Perfectly hardy. Excellent in rock-crannies or for naturalization. Bulbous. Prop. by offsets. Light fibrous soil. Central Europe. See Plate, page 45.	4-6 in. Half shade	Late Apr., May
"Deep purple" 42 lighter	PURPLE FRITILLARY	*Fritillaria atropurpurea	One to six bell-shaped flowers faintly checkered with green droop from leafy stems. Division every 3 or 4 years necessary. Bulbous. Prop. by offsets. Sandy and open loam mixed with leaf-mold.	12-15 in. Shade	Mid. Apr. to June
"Purple black" 56	TWO- FLOWERED FRITILLARY	*Fritillaria biflora	Two to ten open bell-shaped flowers with green tints, droop from leafy stems. Leaves in whorls. Replanting every 3 or 4 years necessary. Bulbous. Prop. by offsets. Rich sandy loam.	1-2 ft. Half shade	"
"Deep purple" 21 purpler	BLACK LILY	*Fritillaria Camtschat- censis <i>Lilium Camtschatcense</i>	One to three drooping bell-shaped flowers on a stem. Deep purple lance-shaped leaves. Plant in the border. Division every 3 or 4 years necessary. Bulbous. Prop. by offsets. Rich deep and sandy soil. Siberia; Western N. Amer.	6-18 in. Shade	"



COMMON DOGTOOTH VIOLET (OF EUROPE). *Erythronium dens-canis*.





TRAILING PHLOX. *Phlox procumbens*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Livid purple" 33	RUSSIAN FRITILLARY	* <i>Fritillaria Ruthénica</i>	Drooping bell-shaped flowers, 1-3 on a stem. Lance-shaped leaves. For location and cultivation see <i>F. Camtschaticensis</i> . Caucasus Regions.	1-2 ft. <i>Shade</i>	Mid. Apr. to mid. May
"Reddish purple" 42	DARK-RED EASTERN HELLEBORE	* <i>Helléborus orientális</i> var. <i>atrórubens</i> <i>H. o. var. Colchicus</i>	See page 4.		Mar., early Apr.
"Purplish" 44 deeper	SWAMP OR STUD PINK	<i>Helónias bullàta</i>	Very showy. Twenty to thirty flowers crowded in terminal racemes. Long dark green leaves. Excellent bog plant; also good for edge of stream or moist sandy border. Bulbous. Prop. by division or offsets. Multiplies rapidly. Any soil, preferably moist. Eastern U. S. A.	1-2 ft. <i>Sun or shade</i>	Apr., May
"Purple & lilac"	DUTCH HYACINTH	** <i>Hyacínthus orientális</i> vars.	See color "various," page 59.		Late Apr., May
"Blue violet" 55	SLENDER DWARF IRIS	* <i>Iris vérna</i>	Sweet-scented species. Stems very short, giving a dwarfed effect; free blooming. Grassy leaves. Spreads rapidly. Plant in masses in sheltered spots. Ohio and southward.	6 in. <i>Half shade</i>	"
"Bluish violet" 39	SPRING BITTER VETCH	** <i>Láthyrus vérnus</i> <i>Orobús vérnus</i>	Tufted plant with small pea-like flowers; good for cutting. Pale green foliage. Grows well in almost any situation. Excellent for rock-garden and border. Prop. by seed and division. Any good garden soil. S. and Central Europe.	12-15 in. <i>Sun</i>	Mid. Apr. to late May
"Pinkish purple" 27 lighter & more purple	TRAILING PHLOX	* <i>Phlóx procúbens</i>	A choice dwarf plant closely related to <i>P. amœna</i> but lower growing. Stems prostrate and terminated with panicles of flowers. Excellent for front row of border or rock-garden. Dr. Asa Gray regarded this plant as a hybrid between <i>P. amœna</i> and <i>P. subulata</i> . Prop. by division. See Plate, page 46.	3-5 in. <i>Sun</i>	Late Apr. to late May
"Pale lilac" 50	LILAC MOSS PINK	* <i>Phlóx subulàta</i> var. <i>lilacina</i>	Masses of small flowers cover the mossy bed of foliage. Good for carpeting rock-garden or border. Prop. by seed, division or cuttings. Soil light and dry. Hort.	4-6 in. <i>Sun</i>	Late Apr., May
"Lilac" 39	HEART-LEAVED SAXIFRAGE	* <i>Saxífraga cordifòlia</i>	Flowers in thick panicles half hidden by the large dark and heart-shaped foliage. Protect in winter. Beautiful foliage plants for rocky places. Prop. by division or offshoots. Any ordinary garden soil. Siberia. See Plate, page 49.	12-15 in. <i>Half shade</i>	Late Apr. to late May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 53 brighter	PURPLE OR MOUNTAIN SAXIFRAGE	<i>Saxifraga oppositifolia</i>	Flowers solitary on leafy stalks, so numerous as almost to cover the purplish mossy evergreen foliage. For carpeting rock-gardens or for edging. Prop. by division. Sandy moist soil. Europe; N. Amer. There are several vars.	2-6 in. <i>Sun or shade</i>	Late Apr., May
"Violet"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See color "various," page 64.		Late Apr. to late May
"Violet" 49	COMMON PERIWINKLE, BLUE, RUNNING OR TRAILING MYRTLE	* <i>Vinca minor</i>	Evergreen trailer. Large solitary flowers. Dark glossy foliage. Spreads rapidly forming a thick carpet for bare places, under trees and for rock-gardens. Prop. by division or cuttings. Easily cultivated in any ordinary soil. Europe. Var. <i>carulea</i> ( <i>V. carulea</i> ), has bluer flowers than the type. Hort. Var. <i>plena</i> , has double flowers. Var. <i>aurea variegata</i> , foliage variegated with yellow.	8-10 in. <i>Sun or shade</i>	Late Apr. to June
"Violet" 47 or 49	HORNED VIOLET, BEDDING PANSY	** <i>Viola cornuta</i>	Charming tufted plant of strong growth; bears a profusion of faintly scented flowers the size of a small Pansy. Good for cutting. Pretty bright foliage. Excellent for border or rock-garden or for spring bedding. Prop. by seed, division or cuttings. Any good soil. Pyrenees.	5-8 in. <i>Sun or half shade</i>	Late Apr. until frost
"Violet" 48 or 47	SWEET VIOLET	<i>Viola odorata</i>	Parent of the cultivated Violet; tufted, with creeping runners. Flowers very fragrant, varying to reddish purple. Heart-shaped leaves. Should be naturalized in large quantities. Prop. by seed or division. Loose rich sandy soil preferable. Europe; Africa; N. Asia.	6 in. <i>Half shade</i>	Late Apr. to late May
"Violet" 53	EARLY BLUE VIOLET	<i>Viola palmata</i> <i>V. cucullata</i> var. <i>palmata</i>	Flowers sometimes striped with white, growing in very dense clumps intermingled with foliage. Leaves heart-shaped. Good to naturalize in shady spots. Prop. by division. A rather heavy sandy loam is best. Eastern U. S. A.	2-6 in. <i>Half shade</i>	Late Apr., May
"Violet" 46	COMMON BLUE OR LARGE AMERICAN VIOLET	<i>Viola palmata</i> var. <i>cucullata</i>	Commonest species in the east. Thick clumps of leaves and flowers. Good for naturalizing. For cultivation see <i>V. palmata</i> . Atlantic States.	2-6 in. <i>Half shade</i>	Late Apr. to late May
"Sky-blue" 52	APPENNINE WIND-FLOWER	* <i>Anemone Apennina</i>	Flowers 1½ in. across. This and white var. well suited for the wild garden. Prop. by division. Any good garden soil, though a well-drained rich sandy loam is best. Somewhat tender. Italy.	4-9 in. <i>Shade</i>	Apr., May



HEART-LEAVED SAXIFRAGE. *Saxifraga cordifolia*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Sky-blue" 52 intense	BLUE WINTER WIND-FLOWER OR ANEMONE	* <i>Anemone blanda</i>	Flowers star-like. Foliage divided and toothed. Excellent for rock-garden and to naturalize. Prop. by seed and division. Rich sandy and well-drained loam. Asia Minor; Greece.	4-6 in. Sun	Apr., May
"Blue" 44 tinged blue	ROBINSON'S WOOD ANEMONE	* <i>Anemone nemorosa</i> var. <i>Robinsoniana</i> <i>A. n. var. caerulea</i>	Superior to <i>A. nemorosa</i> . Solitary flowers 1 in. or more across. Attractive foliage. Good for rockwork, for naturalizing and for border. Prop. by seed and division. Rich well-drained loam. Hort.	6-12 in. Half shade	Mid. Apr. to June
"Blue" 52	ALLEN'S GLORY OF THE SNOW	* <i>Chionodoxa Alleni</i> <i>Chionoscilla Alleni</i>	See page 4.		Mid. Mar. to early May
"Blue" 52 & white	GLORY OF THE SNOW	** <i>Chionodoxa Luciflæ</i>	See page 7.		"
"Blue" 52 or 63	GIANT GLORY OF THE SNOW	** <i>Chionodoxa Luciflæ</i> var. <i>gigantæa</i>	See page 7.		"
"Blue" 52	TMOLUS' GLORY OF THE SNOW	* <i>Chionodoxa Luciflæ</i> var. <i>Tmolusi</i> <i>C. Tmolusi</i>	See page 7.		"
"Gentian blue" 52 deeper	SARDIAN GLORY OF THE SNOW	* <i>Chionodoxa Sardensis</i>	See page 7		"
"Light blue" 60 deeper & brilliant	VERNAL GENTIAN	* <i>Gentiana verna</i>	Beautiful Alpine plant of tufted habit. Solitary salver-form flowers. Rock-garden. Prop. by seed when just ripe. Deep sandy loam, moist but well-drained. Alps; Caucasus; Great Britain.	3 in. Sun	Apr. to early June
"Bluish" near 44	SHARP-LOBED OR HEART LIVER LEAF	* <i>Hepatica acutifolia</i> <i>H. triloba</i> var. <i>acuta</i> , <i>Anemone acutifolia</i>	Resembles <i>H. triloba</i> , but the lobes of the leaves are more pointed. Eastern U. S. A.	4-6 in. Half shade or shade	Apr., early May
"Bluish" 53 lighter	FIVE-LOBED HEPATICA	* <i>Hepatica angulosa</i> <i>Anemone angulosa</i>	Flowers over 2 in. across, sometimes varying to reddish or white. For cultivation see <i>H. triloba</i> . Hungary.	4-6 in. Half shade or shade	Late Apr., early May
"Bluish" near 44 or 46	ROUND-LOBED OR KIDNEY LIVER LEAF	* <i>Hepatica triloba</i> <i>H. Hepatica</i> , <i>Anemone Hepatica</i> , <i>A. triloba</i>	Our common Hepatica. Solitary flowers about half an in. across, varying to pinkish and white. Leaves three lobed. Good for eastern and northern exposures in the rock-garden or for naturalizing under trees. Do not disturb. Prop. by seed and division. Well-drained soil and enriched with leaf-mold. Eastern U. S. A.; Asia; Europe.	4-6 in. Half shade or shade	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See color "various," page 59.		Late Apr., May
"Blue" 57 deeper turns to 29	VIRGINIAN COWSLIP, BLUE BELLS	* <i>Mertensia pulmonarioides</i> <i>M. Virginica</i>	The handsomest species of Mertensia. Pretty tubular flowers, which turn pink, in pendent clusters, the effect being a mixture of pink and blue. Large bluish-gray leaves. Charming for the border and for rocky places. Prop. by seed when just gathered, and by division. Rich loose soil. Eastern U. S. A. See Plate, page 50.	1-2 ft. <i>Sun or half shade</i>	Late Apr. to late May
"Blue" 63 or paler	COMMON GRAPE HYACINTH	** <i>Muscari botryoides</i> <i>Hyacinthus botryoides</i>	Pretty bulb. Small globular scentless flowers in dense clusters. Rather narrow leaves spring from the root. Plant in masses in the border or rock-garden with Narcissi, etc. It makes a pretty edging to beds of bulbs. Prop. by offsets. Ordinary garden soil. Europe; Orient. See Plate, page 53.	6-9 in. <i>Sun or half shade</i>	Apr., May
"Dark blue" 49 redder	DARK PURPLE GRAPE HYACINTH	* <i>Muscari commutatum</i>	Flowers small and scentless, in short racemes. Narrow leaves. Plant in masses in rock-garden or margin of border. Bulbous. Prop. by seed and offsets. Any ordinary soil. Sicily.	6-10 in. <i>Sun or half shade</i>	"
"Blue" 63 duller	TUFTED GRAPE HYACINTH, PURSE TASSELS, TUZZY-MUZZY	* <i>Muscari comosum</i> <i>Hyacinthus comosus</i>	Flowers 40-100 on a long stalk; the lower ones brownish green, projecting outwards, the upper ones blue or violet, on upcurved stems. Very long and narrow leaves. Bulbous. Prop. by seed or offsets. Ordinary soil. Orient; Mediterranean Region.	1 ft. <i>Sun or half shade</i>	"
"Blue" 63 duller	FEATHERED, FAIR-HAIRED OR TASSELED HYACINTH	** <i>Muscari comosum</i> var. <i>monströsum</i> <i>M. plumosum</i> <i>M. p. var. monströsum</i>	A distinct form with round fluffy flowers which have a feathery effect. Much preferred to the type. Plant in masses. Bulbous. Prop. by seed and offsets. Ordinary soil. Hort.	1 ft. <i>Sun or half shade</i>	"
"Dark blue" 61	STARCH GRAPE HYACINTH	* <i>Muscari racemösum</i> <i>Hyacinthus racemösus</i>	Clusters of flowers with plum-like fragrance rise above long and almost prostrate leaves. Good for border. Bulbous. Prop. by seed and offsets. Any ordinary soil. Mediterranean Region; Caucasus.	4-8 in. <i>Sun or half shade</i>	"
"Deep sky-blue" 58 brighter	EARLY FORGET-ME-NOT	* <i>Myosötis dissitiflora</i>	Of tufted habit. Flowers in small clusters. Foliage large, bright green. Biennial, but self-perpetuating. Good for open places in the rock-garden or for naturalizing on grassy banks. Prop. by division and cuttings. Prefers moist soil but will grow almost anywhere. Switzerland.	6-12 in. <i>Sun or half shade</i>	Late Apr. to July





COMMON GRAPE HYACINTH. *Muscari borryoides*.



CHICKWEED PHLOX. *Phlox stellaria*.



BETHLEHEM SAGE. *Pulmonaria saccharata*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 58 deeper	<b>CREeping FORGET- ME-NOT</b>	* <i>Omphalodes véna</i>	Trailing plant. Pretty flowers like Forget-me-nots borne in clusters on an erect stem. Excellent for rock-garden or for fringing walks. Prop. by division. Cool moist loam. Europe.	6 in. <i>Sun or half shade</i>	Apr., May
"Pale blue" 50	<b>CHICK- WEED PHLOX</b>	* <i>Phlox stellária</i>	A tufted or creeping Phlox. Flowers varying to bluish white somewhat scattered. Rock-garden. Prop. by seed, division and cuttings. Light well-drained soil. U. S. A. See Plate, page 54.	5-6 in. <i>Sun</i>	Late Apr., May
"Light blue" bet. 46 & 52	<b>GREEK VALERIAN</b>	* <i>Polemonium réptans</i>	Dwarf bushy plant. Flowers in drooping lax panicles. For rock-garden or border. Prop. by fall-sown seed or division. Deep rich loamy soil. Eastern U. S. A.	6-8 in. <i>Half shade</i>	Late Apr. to early June
"Blue" 51	<b>BETHLE- HEM SAGE</b>	<i>Pulmonaria saccharata</i>	Tufted plant. Tubular flowers in clusters, turn to pink. Smooth leaves. Good in semi-wild spot or in the border. Prop. by division. Light soil not too dry is advisable. Europe. See Plate, page 54.	6-18 in. <i>Half shade or shade</i>	Late Apr. to late May
"Blue" 61	<b>STAR HYACINTH</b>	* <i>Scilla amœna</i>	See page 7.		Mid. Mar. to early May "
"Dark blue" 62	<b>EARLY SQUILL</b>	* <i>Scilla bifolia</i>	See page 7.		"
"China- blue" 61 deeper	<b>SIBERIAN SQUILL</b>	** <i>Scilla Sibírica S. amœna var. præcox</i>	See page 7.		"
"Blue" 46 or 53	<b>GENTIAN- LEAVED SPEED- WELL</b>	** <i>Veronica gentian- oides</i>	Charming tufted species. Light blue flowers with dark streaks borne in erect spikes on leafy stems above the glossy foliage. Good to cover bare places in shade or for border and rock-garden. Prop. by division. Any soil. S. Eastern Europe.	1-2 ft. <i>Sun or half shade</i>	Late Apr. to late May
Parti- colored	<b>CROCUS</b>	** <i>Crœcus vars.</i>	See page 8.		Mid. Mar. to late Apr. "
Cream & 42 out- side, 44 inside	<b>SCOTCH OR CLOTH OF SILVER CROCUS</b>	* <i>Crœcus biflorus</i>	See page 8.		"
Effect 60 lighter	<b>TROLLIUS- LEAVED LARKSPUR</b>	* <i>Delphinium trollifolium</i>	Long lax racemes of blue and white flowers surmount leafy stalks. Useful for cutting. Second bloom possible if flowers are cut when faded. Border plant. Prop. in spring or autumn by seed division or cuttings; transplant every 3 or 4 years. Deep	2-5 ft. <i>Sun</i>	Apr.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
26, 43 & white	LARGE-FLOWERED BARREN-WORT	* <i>Epimedium macranthum</i>	rich soil, sandy and loamy. Western U. S. A.  Dainty plant as interesting as many Orchids. "Outer sepals bright red; inner sepals violet; spurs white." New leaves reddish. Suitable for the rock-garden or border. Prop. by division. Any garden soil. Japan.	10-15 in. <i>Half shade</i>	Late Apr. to late May
1, markings 17	TWISTED-LEAVED FRITILLARY	* <i>Fritillaria obliqua</i>	Bell-shaped flowers checkered with brown and purple. Leaves grayish, oblique, numerous. Suitable for mixed border or rock-garden. Bulbous. Prop. by offsets. Rich soil, well-drained. Greece.	1 ft. <i>Sun</i>	Mid. Apr. to mid. May
Parti-colored	EASTERN HELLEBORE FRAU IRENE HEINEMANN	* <i>Helleborus orientalis</i> var. "Frau Irene Heine-mann"	See page 8.		Mid. Mar. to mid. Apr.
Green & 35	PURPLISH GREEN HELLEBORE	* <i>Helleborus viridis</i> var. <i>purpurascens</i>	See page 8.		"
Parti-colored	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See color "various," page 64.		Late Apr. to late May
Various	CROCUS	** <i>Cròcus</i> vars.	See page 8.		Mid. Mar. to late Apr.
Various	SPRING CROCUS	* <i>Cròcus vèrnus</i>	See page 8.		"
Often near 22	FLESH-COLORED HEATH	<i>Erica carnea</i>	Branching shrub. Numerous small bell-shaped flowers, rose, pale red or white. Needle-like foliage. Protect in winter. Plant in rock or wild garden. Prop. by division and cuttings. Soil of peat and sand is best. Europe.	6-9 in. <i>Sun</i>	Apr., May
4, 13, or 19 more orange	CROWN IMPERIAL	** <i>Fritillaria Imperialis</i>	Showy plant. Bell-shaped flowers, red, yellow or orange, droop under an upright crown of leaves. Can be cut down when foliage turns brown. Disagreeable odor. Divide every 2 or 3 years. Handsome in groups among shrubs or in border. Bulbous. Prop. by offsets. Deep rich well-drained soil. See Plate, page 57. Var. <i>*aurea marginata</i> ( <i>F. l. coronata</i> var. <i>aurea marginata</i> ); foliage striped with gold. Var. <i>variegata</i> , foliage marked with white and gold.	2-3 ft. <i>Sun, half shade best</i>	Mid. Apr. to mid. May



CROWN IMPERIAL. *Fritillaria imperialis*.



POLYANTHUS. *Primula Polyantha.*



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	<b>GUINEA-HEN FLOWER, SNAKE'S HEAD CHECKERED LILY</b>	<b>**Fritillaria Meleagris</b>	Large attractive, bell-shaped flowers in light colors checkered with green and purple, also white and purple Good for cutting. Foliage inconspicuous. Plant in border and rock-garden. It is well to have them spring through the green of some low carpeting plant like Creeping Phlox. ♣ Divide every 2 or 3 years. Bulbous. Deep sandy loam. Europe; Caucasus. See Plate, page 58.	10-12 in. <i>Sun or shade</i>	Late Apr. to late May
Various	<b>DUTCH HYACINTH</b>	<b>**Hyacinthus orientalis vars.</b>	<p>Fragrant flowers in large dense spikes surrounded by narrow stiff leaves. Protect with stable manure or dry litter. Most effective when planted in rows. Plant bulbs 6 in. deep, 5 in. apart in Sept. or early Oct. Bulbous. Prop. by offsets. Light rich well-drained soil. Give an occasional top-dressing. S. Eastern Europe; Levant.</p> <p>The following are some of the best horticultural vars.:—</p> <p><b>Single white vars.</b>—*<i>Mont Blanc</i>; snow white with large bells. *<i>Queen of the Netherlands</i>; pure white, of great substance. *<i>Snowball</i>; pure white with large bells. *<i>Grand Vainqueur</i>; pure white. **<i>La Grandesse</i>; the finest pure white. *<i>Lady Plimsoll</i>; white, large truss, very fine. *<i>L'Innocence</i>; pure white extra large bells. *<i>Madame van der Hoop</i>; pure white, very large bells. *<i>Alba Maxima</i>; pure white, large bells and spike. *<i>Alba superbissima</i>; snow white. *<i>Baroness van Thuyll</i>; white with primrose eye. *<i>Paix de l'Europe</i>, large bells, long truss.</p> <p><b>Double white vars.</b>—*<i>Bouquet Royal</i>; white, very double. *<i>Grootvorstin</i>; pure white. *<i>Jenny Lind</i>; white with purple eye. *<i>Miss Nightingale</i>; pure white. *<i>Prince of Waterloo</i>; pure white, large double bells. *<i>Sir Bulwer-Lytton</i>; white, large bells.</p> <p><b>Single yellow vars.</b>—*<i>Bird of Paradise</i>; (color no. 2), beautiful clear yellow, magnificent spike; one of the best. *<i>Ida</i>; (color no. 1), clear primrose yellow, large and superb spike. *<i>King of the Yellows</i>; (color no. 3), pure yellow, large bells in long symmetrical spike. *<i>L'Or d'Australie</i>; (color no. 2), pure deep yellow, long and very handsome truss. *<i>Obelesque</i>; (color no. 2 deeper), pure yellow, large truss. *<i>Yellow Hammer</i>; (color no. 2 warmer), golden yellow.</p>	8-18 in. <i>Sun</i>	Late Apr., May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p><b>Double yellow vars.</b>—<i>Goethe</i>; (color no. 3 light), light yellow almost white, large spike. <i>Minerva</i>; orange yellow, extra large and fine flower. <i>Ophir d'Or</i>; (color no. 1), citron yellow with purple centre. <i>Sunflower</i>; (color no. 3), buff yellow.</p> <p><b>Double orange vars.</b>—<i>Bouquet d'Orange</i>; (color no. 15 light), reddish orange.</p> <p><b>Single red vars.</b>—<i>Mr Stanley</i>; (color no. 27 light and brilliant), "dark red." <i>Robert Steiger</i>; (color no. bet. 26 deep &amp; 33), deep crimson, compact spikes. <i>Roi des Belges</i>; (color no. bet. 26 deep &amp; 33), dark red.</p> <p><b>Double red vars.</b>—<i>Princess Louise</i>; (color no. 26 darker), "dark red."</p> <p><b>Single pink vars.</b>—<i>Baron van Thuyll</i>; (color no. 36), beautiful delicate rose in large spikes; early. <i>Charles Dickens</i>; (color no. 29 warmer), salmon-rose striped carmine; early. <i>Cosmos</i>; (color no. 29), deep rose with light eye, large bells. <i>Fabiola</i>; (color no. 22), pink striped with bright rose. <i>*Gertrude</i>; (color no. 23), bright pink, in large spikes. <i>*Gigantea</i>; (color no. 36 deep), bright rose, very large spikes. <i>*Lord Macaulay</i>; (color no. 26), deep carmine pink, striped darker, very attractive. <i>Norma</i>; (color no. 22), coral pink, large waxy flowers. <i>Von Schiller</i>; deep salmon pink, striped with crimson. See Plate, page 61.</p> <p><b>Double pink vars.</b>—<i>Czar Nicholas</i>; (color no. 36 warm), delicate rose. <i>Kobinoor</i>; (color no. 30), bright rose, large spikes. <i>*Lord Wellington</i>; (color no. 36), the finest double pink, large bells and massive spike.</p> <p><b>Single purple and lilac vars.</b>—<i>Crand Lilas</i>; (color no. 57), "porcelain lilac," large bells and fine spike. <i>King of the Blacks</i>; (color no. 56), "black purple."</p> <p><b>Single blue vars.</b>—<i>Argus</i>; (color no. 49 &amp; white), "dark blue, white eye." <i>*Charles Dickens</i>; (color no. 46 deeper), dark porcelain blue, large bells and spike. <i>*Czar Peter</i>; (color no. bet. 50 &amp; 57), light porcelain blue, large bells, magnificent spike. <i>*General Havelock</i>; (color no. 63 darker), "deep purple shaded with black," large bells and truss. <i>*Queen of the Blues</i>; (color no. 46), sky-blue, fine bells, stately spike. <i>*Sir J. Lawrence</i>; dark blue, white eye. <i>*King of the Blues</i>; (color no.</p>		





SINGLE HYACINTHS.



POLYANTHUS, *Primula Polyantha*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Often 31 duller	<b>HAIRY PHLOX</b>	<b>**Phlox amœna</b> <i>P. procumbens</i> , (Gray)	54 darker), clear dark blue, large bells and fine spike. * <i>Lord Derby</i> ; (color no. 44), light porcelain blue, large. See Plate, page 61. <b>Double blue vars.</b> —* <i>Bloksberg</i> ; (color no. 46 lighter), porcelain blue, striped. * <i>Garrick</i> ; (color no. 55), "deep lilac blue," very large spike. <i>Lord Raglan</i> ; (color no. 46), "dark blue." <i>Lord Wellington</i> ; (color no. 42), dark stripes. * <i>Van Speyk</i> ; pale blue, large bells, compact truss.	4-6 in. Sun	Late Apr., May
40, 36, 43, white & others	<b>MOSS OR GROUND PINK</b>	<b>**Phlox subulata</b> <i>P. nivâlis</i>	Profusion of flowers varying from purple through pink to white in flat-topped clusters. Leaves in tufts at the base of flower-stalks. Good for carpeting border or rock-garden. Prop. by division and cuttings. Light dry soil. S. Eastern U. S. A.	4-6 in. Sun	"
34 & others	<b>AURICULA</b>	<b>*Primula Auricula</b> <i>Auricula</i>	Creeping evergreen plant thickly covered by pink, blue, or white flowers which rise from a mossy bed of foliage, no. 40 being the most common color. Favorite rock-plant, good for carpeting in border or rock-garden. Prop. by seed, division or cuttings. Any light soil. N. Y., West and South.	6-9 in. Sun or half shade	"
Various	<b>POLYANTHUS</b>	<b>*Primula Polyantha</b>	Not very hardy. Round bright flowers in clusters terminating a leafless stem. Usually yellow-flowered in the wild state; ranging from white to purple in garden vars. Broad thick foliage in a rosette at the base of the plant. Protect in winter. Charming in a sheltered position in the rock-garden or border. Prop. best by off-sets or division; also by seed. Rich light soil not dry. Europe.	6-10 in. Half shade best	"
Mixed white & 48 & others	<b>VON SIEBOLD'S PRIMROSE</b>	<b>**Primula Sieboldi</b> <i>P. cortusoides</i> var. <i>amœna</i> , var. <i>grandiflora</i> & var. <i>Sieboldi</i>	Mixed yellow and red or yellow flowers in umbels rise above the long leaves which spring from the root. Because of its richness in coloring it is good for beds or borders. Prop. by seed, generally by division. Rich moist soil. Hort. See Plate, page 62.	6-12 in. Sun or half shade	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	<b>TONGUE-LEAVED SAXIFRAGE</b>	* <i>Saxifraga ligulata</i> <i>S. Schmidtii</i>	Vigorous showy plant. Flowers white to light purple, globe-shaped, in spreading panicles. Foliage broad, springing from the root. Winter protection of leaves is necessary. Plant in the rock-garden. Prop. by division and offshoots. Any soil. Var. <i>*ciliata</i> has roundish hairy leaves. Himalayan Region.	1 ft. <i>Half shade</i>	Late Apr., May
34 or green	<b>SESSILE-FLOWERED WAKE-ROBIN</b>	<i>Trillium sessile</i>	Showy plant with small purple or green flowers surrounded by whorls of broad spotted leaves. Effective in moist borders among ferns and in masses under trees. Prop. by seed or division. Moist rich soil is best. Eastern U. S. A.	8-12 in. <i>Half shade</i>	"
Various	<b>LARGE CALIFORNIAN WAKE-ROBIN</b>	<i>Trillium sessile</i> var. <i>gigantæum</i> <i>T. s. var. Californicum</i>	Larger than the type. Petals 4 in. long and leaves often 6 in. Flowers purple pink, or white. For use and cultivation see <i>T. sessile</i> . Pacific States.	8-12 in. <i>Half shade</i>	"
Various	<b>TULIP</b>	** <i>Tulipa</i> vars.	<b>Early Bedding Tulips.</b> The following is a carefully selected list of some of the best single and double early Tulips of garden origin. There are many others in the trade also desirable. Plant in late Sept. or Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. It is best to protect in winter and to give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is not good put sand around the bulb. See Plate, page 65. <b>Single white vars.</b> —* <i>Joost Van Vondel, White</i> ; very large pure white flowers, height 10 in. <i>Le Matelas</i> ; (white & color no. 30), white, shaded with bright rose, large blossoms, height 12 in. * <i>Pottebakker, White</i> ; large showy pure white blossoms, height 14 in. <i>White Swan</i> ; pure white large egg-shaped flowers, height 14 in. <b>Double white vars.</b> — <i>Alba Maxim</i> ; very large white blossoms, height 2 in. <i>Le Blason</i> ; white shaded with rose, height 11 in. <b>Single yellow vars.</b> — <i>Canary Bird</i> ; (color no. 4), clear rich yellow, height 11 in. * <i>Chrysolora</i> ; (color no. 4), large pure yellow flowers, height 11 in. * <i>Mon Trésor</i> ; (color no. 4), rich golden yellow, extra large, height 11 in. <i>Ophir d'Or</i> ; (color no. 5), very large pure golden yellow, height 11 in. * <i>Pottebakker, Yellow</i> ; (color no. 5), pure yellow, height 14 in. * <i>Yellow</i>	10-14 in. <i>Sun</i>	Late Apr. to late May



TULIPS.



TULIPA "YELLOW PRINCE"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p><i>Prince</i>; (color no. 4), fragrant bright yellow flowers, height 10 in. See Plate, page 66.</p> <p><b>Double yellow vars.</b>—<i>Crown of Gold</i>; (color no. 7), rich golden yellow, very large and very double, height 11 in. <i>Tournesol Yellow</i>; (fire color mixed 20 lighter &amp; 3), golden yellow, shaded with orange, height 11 in., especially fine.</p> <p><b>Single red vars.</b>—<i>Artus</i>; (color no. 18), bright scarlet, height 10 in. <i>Belle Alliance</i>; (color no. 20), rich crimson, height 10 in. <i>Bizard Verdict</i>; brilliant carmine, gold striped. <i>*Couleur Cardinal</i>; (color no. 20 brilliant), rich crimson, height 11 in. <i>Duchess of Parma</i>; (color no. 19 deeper &amp; brighter), orange-red, yellow margined, height 12 in. <i>*Keizer Kroon</i>; (color no. 18 bordered with 5), "crimson-scarlet, bordered with yellow," extra large, height 14 in. <i>Pottebakker Scarlet</i>; (color no. 20), large bright scarlet, height 14 in. <i>*Prince of Austria</i>; (color no. 17), "rich orange-red," fragrant flowers, height 12 in. <i>Stanley</i>; (color no. 30 deep &amp; brilliant), large "dark rich crimson," height 10 in. <i>Vermilion Brilliant</i>; (color no. 18 redder &amp; more brilliant), "vermilion," height 12 in.</p> <p><b>Double red vars.</b>—<i>Gloria Solis</i>; (color no. 19 bordered with 5), "deep crimson, with yellow border," height 12 in. <i>Imperator Rubrorum</i>; (color no. 18), bright scarlet, much doubled and large, height 12 in. <i>Le Matador</i>; (color no. 14), brownish red, height 12 in. <i>Rex Rubrorum</i>; (color no. 20 more brilliant), brilliant scarlet. <i>Tournesol Scarlet</i>; (effect color no. 17), bright scarlet, edged with yellow, height 11 in.</p> <p><b>Single pink vars.</b>—<i>Cottage Maid</i>; (color no. 29 &amp; white), "rose shaded with white," height 9 in. <i>Proserpine</i>; (color no. 27), very large "rich deep rose flowers," height 14 in.; it turns bluish. <i>Queen of the Netherlands</i>; (color no. 36), beautiful satiny pink, very large blossoms, height 13 in. <i>Rachel Ruisch</i>; (color no. 23), "rose," height 10 in.</p> <p><b>Double pink vars.</b>—<i>Crown of Roses</i>; (color no. 30), "delicate rose," very double flowers, height 11 in. <i>Murillo</i>; (color no. 36 deeper), blush white, shaded with rose, height 10 in.</p>		

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	DUC VAN THOL TULIP	**Tulipa "Duc van Thol"	<p>Single violet vars.—<i>Van der Neer</i>; (color no. 33 lighter), large purplish violet flowers.</p> <p>Single parti-colored vars.—<i>Grand Duke of Russia</i>; white striped deep violet <i>Joost van Vondel</i>, <i>Striped</i>; (color no. 33 &amp; white), cherry and white, height 10 in. <i>Rose Grisdelin</i>; (color no. 23 &amp; white), rose and white, height 10 in. <i>Wapen Van Leiden</i>; (white striped with color no. 26), "white striped with rose," height 13 in. See I late, page 67.</p> <p>The earliest blooming of all Tulips. Dwarf habit. Large fragrant flowers from white to vermilion. Plant in masses in late Sept. or Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. It is best to protect in winter and to give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is not good put sand around the bulb. Hort.</p> <p>Among the most desirable are:—<i>Maximus</i>; (color no. 20 brighter edged with 5), red with yellow edge, fine form. <i>Rose</i>; (white tinged with color nos. 36 &amp; 29), milky white shading to rose. <i>Scarlet</i>; (color no. 18), "reddish scarlet." <i>Crimson</i>; (color no. 20 lighter), bright crimson. <i>Orange</i>; (effect color no. 17), very fine. <i>Vermilion</i>; (color no. 18), bright vermilion.</p>	6 in. Sun or half shade	Late Apr., early May
46, etc.	DOG VIOLET	<i>Viola canina</i>	<p>Flowers blue, lilac, grayish or white, on leafy stems, petals pinkish outside. Plant in shady part of rock or wild garden. Prop. by division. Europe.</p>	3-5 in. Half shade	Late Apr. to late May
Various	PANSY, HEARTSEASE	** <i>Viola tricolor</i>	<p>Our hybrid pansies come under this head as well as the little Heartsease which is often parti-colored, upper petals color no. 42, lower and centre no. 5. This plant has a wonderful length of blooming season and flowers with great richness of coloring, being purple, yellow whitish, or parti-colored. Best to treat as an annual. Plant in border or rock-garden. Prop. by seed or division. Any garden soil. Europe.</p>	6-8 in. Sun or half shade	Mid. Apr. to mid. Sept.





SINGLE PARTI-COLORED TULIPS



# MAY

## WHITE TO GREENISH

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Cream white"	WHITE BANE-BERRY	<i>Actæa álba</i> <i>A. rubra</i>	See page 11.		Early Apr. to July
"White"	COHOSH, HERB CHRISTOPHER	<i>Actæa spicata</i>	Vigorous plant of somewhat coarse habit. Large racemes of small flowers tinged with blue which pass quickly. Foliage good. Showy purple berries in autumn. Suitable for the wild garden. Prop. by seed and division in spring. Japan; Europe. Var. <i>rubra</i> ( <i>A. rubra</i> ); flower clusters larger; showy red berries. Northern U. S. A.	1-2 ft. <i>Shade</i>	May, June
"White"	WHITE BUGLE	* <i>Ajuga reptans</i> var. <i>álba</i>	Dense creeping plant. Spreads rapidly. Numerous spikes of flowers. Shiny leaves. Good for carpeting a shady spot. Not so often cultivated as the blue var. Prop. by seed and division. Europe.	3-4 in. <i>Sun or shade</i>	May to mid. June
"Greenish"	MOUNTAIN LADY'S MANTLE	<i>Alchemilla alpina</i>	See page 11.		Late Apr., May
"White" turns to 29 pale	WILD ONION	* <i>Allium mutabile</i>	See page 11.		Apr., May
"White"	ALPINE ANEMONE	* <i>Anemone alpina</i> <i>A. acutipétala</i>	Beautiful alpine plant. Large flowers solitary or few on the stem, varying to purple and cream outside, rise above the large handsome finely cut foliage. Good for cutting and pretty for naturalization and for the border. Prop. by seed and division. Rich deep soil. Europe.	9-24 in. <i>Half shade</i>	May
"White" 39 under petals	NARCISSUS-FLOWERED ANEMONE	<i>Anemone narcissiflora</i> <i>A. umbellata</i>	Flowers $\frac{3}{4}$ in. across, with yellow centres, in umbels. Foliage deeply divided. Pretty for the rock-garden or border. Prop. by seed and division. Rich soil. Northern Hemisphere.	6-18 in. <i>Half shade</i>	May to Aug.
"White" often 36	WOOD ANEMONE	<i>Anemone nemorosa</i>	See page 11 and Plate, page 73.		Late Apr. to early June
"White"	CANADA ANEMONE	* <i>Anemone Pennsylvánica</i> <i>A. Canadensis</i> , <i>A. dichotoma</i>	Erect plant. Cup-shaped flowers 1-2 in. across on strong stems. Leaves much divided. Prop. by seed and division. Any good soil; a well-drained good loam is best. N. Amer. See Plate, page 73.	1-2 ft. <i>Sun or shade</i>	Mid. May to early July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Cream white" tinged with 39	SNOWDROP WIND-FLOWER	** <i>Anemone sylvestris</i>	See page 11.		Late Apr. to mid. July
"Cream white"	DOUBLE SNOWDROP WIND-FLOWER	* <i>Anemone sylvestris</i> var. <i>flöre-plèno</i>	See page 11.		Apr., May
"Cream white"	RUE ANEMONE	* <i>Anemonella thalictroides</i> <i>Thalictrum anemonoides</i>	A pretty native found in woods. Flowers nearly 1 in. across. Prominent stamens. Fern-like foliage. Delights in a shady spot in the rock-garden. Prop. by division. Prefers sandy peat. U. S. A.	3-6 in. <i>Shade</i>	May
"White"	ST. BRUNO'S LILY	* <i>Anthëricum Liliâstrum</i> <i>Paradisea Liliâstrum</i>	Lily-like flowers with green tips, in few-flowered racemes. Rush-like foliage springs from the root. Protect in winter. Charming in the border. Prop. by seed and division. S. Europe. Var. <i>major</i> ; 2-3 ft. An improvement on <i>A. Liliâstrum</i> . Flowers larger and more numerous, 2 in. long, 2½ in. across. Good border or rock-garden plant. Hort.	1-2 ft. <i>Sun</i>	Late May to early July
"White"	MUNSTEAD'S WHITE COLUMBINE	* <i>Aquilègia vulgaris</i> var. <i>alba</i> <i>A. v. var. nivea</i>	See page 11.		Apr., May
"White"	WHITE COLUMBINE	** <i>Aquilègia vulgaris</i> var. <i>nivea</i>	A vigorous plant of compact habit with an abundance of large flowers. Excellent in border or rock-garden. Prop. by seed. Rich soil. Europe.	2-3 ft. <i>Sun</i>	Mid. May to July
"White"	WHITE ROCK CRESS	** <i>Árabis álvida</i> <i>A. Caucásica</i>	See page 11.		Early Apr. to June
"White"	ALPINE ROCK CRESS	* <i>Árabis alpina</i>	See page 12.		Early Apr. to late May
"White"	RUNNING ROCK CRESS	* <i>Árabis procúrrens</i>	See page 12.		"
"White"	VERNAL SANDWORT	<i>Arenària vërna</i> <i>Alsine vërna</i>	A dwarf alpine plant with star-shaped flowers on slender stems. Foliage erect. Excellent for rockwork and for carpeting. Prop. by seed, division and rarely by cuttings. Any soil. Europe; Asia; Rocky Mts.	1-3 in. <i>Sun</i>	May
"White"	WHITE PLANTAIN-LIKE THRIFT	* <i>Armèria plantaginèa</i> var. <i>leucántha</i> <i>A. dianthoides</i>	Flowers in round compact heads spring from cushions of evergreen foliage. Easily grown. Excellent for rock-garden and edging. Prop. by seed and division. Any garden soil.	6-8 in. <i>Sun</i>	Late May to late June



CANADA ANEMONE. *Anemone Pennsylvanica*.



WOOD ANEMONE. *Anemone nemerosa*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	SWEET WOOD-RUFF, HAY PLANT	<i>Aspérula odoràta</i>	Delicate flowers in tight clusters rise from whorls of leaves which, when dry, have a fragrance like hay. Spreads rapidly. Good for edging and carpeting. Prop. by seed and division. Moist loam. Europe; the Orient.	6-8 in. <i>Half shade or shade</i>	Early May to mid. June
"White"	WHITE ALPINE ASTER	** <i>Áster alpinus</i> var. <i>álbus</i>	Similar to the type, but less desirable and less vigorous. Large solitary single flowers with yellow centres. Leaves in clusters at the base of plant. Good in rock-garden or border. Prop. generally by division of clumps. Easily cultivated in ordinary soil and exposure. Europe.	3-10 in. <i>Sun or half shade</i>	Late May to late June
"White"	WHITE MOUNTAIN BLUET OR KNAP-WEED	** <i>Centaurea montàna</i> var. <i>álba</i>	Dwarf compact plant. Large showy flowers resemble Bachelor's Buttons; produced plentifully. Good for border. Prop. by division. Ordinary garden soil. Hort.	9-15 in. <i>Sun</i>	Late May to early July
"White"	STARRY GRASS-WORT, FIELD CHICK-WEED	<i>Cerástium arvense</i>	Mat-like habit; flowers abundant. Good for bedding or half shady places under trees. Europe; Asia; U. S. A.	4-6 in. <i>Sun or half shade</i>	May
"White"	LARGE-FLOWERED MOUSE-EAR CHICK-WEED	* <i>Cerástium grandiflorum</i>	Prostrate creeper. Profusion of flowers on erect stalks. Silvery leaves forming a dense mat. Good for edging or rock-garden, also used in the border. Prop. by division or cuttings. Any soil. Hungary; Iberia.	6-8 in. <i>Sun</i>	May, June
"White"	WHITE GLORY OF THE SNOW	* <i>Chionodóxa Luciliæ</i> var. <i>álba</i>	See page 3.		Mid. Mar. to early May
"Greenish"	GOLDEN SAXIFRAGE, WATER CARPET	<i>Chrysosplènum Americànum</i>	See page 12.		Late Apr., May
"White"	LILY-OF-THE-VALLEY	** <i>Convallària majàlis</i>	A favorite plant. Many small, globular, fragrant flowers droop from the flower stalks. Clean and attractive foliage. Plant in masses under trees where it will spread rapidly. Prop. by division in fall or early spring. Moderately rich soil. Europe; Asia; S. Alleghanies. See Plate, page 74.	8 in. <i>Half shade or shade</i>	Mid. May to mid. June
"Greenish white"	DWARF CORNEL, BUNCH-BERRY	<i>Córnus Canadénsis</i>	Native plant. Involucres white varying to pink, supported by a whorl of dark foliage and succeeded by bunches of red berries. Good for boggy places and wild gardens. Prop. by layers. Any soil. N. Amer.	4-8 in. <i>Half shade</i>	May, June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White" 36 in effect	SMALL WHITE LADY'S SLIPPER	* <i>Cypripedium candidum</i>	Leafy stem bears a solitary flower; the sac is striped and spotted with purple. Protect in winter. Suitable for rock or wild garden. Porous moist peaty soil. U. S. A.	6-12 in. <i>Shade</i>	May to early June
"White"	MOUNTAIN LADY'S SLIPPER OR MOCCASIN FLOWER	* <i>Cypripedium montanum</i>	Handsome species. Fragrant flowers with wavy brownish petals, the sac being dull white, veined with purple. Large leaves. Winter protection necessary. Forms clumps in the rock or wild garden. Porous moist peaty soil. Pacific States.	1-2 ft. <i>Shade</i>	"
"White"	PEPPER-ROOT, TWO-LEAVED TOOTH-WORT	<i>Dentaria diphylla</i> <i>Cardamine d.</i>	See page 12.		Apr., May
"White"	PINK MISS SIMKINS	** <i>Dianthus</i> "Miss Simkins"	Dwarf Pink of compact habit with numerous showy flowers. Good for cutting. Excellent border plant. Grows in any ordinary garden soil. Hort.	4-6 in. <i>Sun</i>	Late May to late June
"White"	SQUIRREL CORN	* <i>Dicentra Canadensis</i> <i>Dielytra C.</i>	See page 12.		Apr., May
"White" white & 3	DUTCH-MAN'S BREECHES	* <i>Dicentra Cucullaria</i> <i>Dielytra C.</i>	See page 12.		"
"White"	WHITE BLEEDING HEART	* <i>Dicentra spectabilis</i> var. <i>alba</i> <i>Dielytra spectabilis</i> var. <i>alba</i>	Less vigorous in appearance than the type. Heart-shaped flowers in drooping racemes hang above the pretty foliage. Often found in old-fashioned gardens. Prop. by crown or root division. Good light soil, not too rich. Japan.	1-2 ft. <i>Half shade</i>	Late May, June
"White"	UMBRELLA-LEAF	<i>Diphylleia cymosa</i>	Flowers in round loose clusters, followed by dark blue berries. One or two very large umbrella-like leaves, heart or shield-shaped. Border. Prop. in spring by division. Dry peaty soil. Mts., Va. to Ga.	1 ft. <i>Shade</i>	May
"White"	MOUNTAIN AVENS	* <i>Dryas octopetala</i>	Evergreen creeper with large rose-like flowers and dense clumps of glossy foliage. Protect from winter sun with boughs. Excellent for the rock-garden. Prop. by seed, division or cuttings. Loose well-drained soil. Northern Hemisphere.	3-4 in. <i>Sun</i>	May, June
"White"	LARGE WHITE-FLOWERED BARREN-WORT	* <i>Epimedium macranthum</i> var. <i>niveum</i> <i>E. niveum</i>	See page 12.		Late Apr. to late May



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Creamy white"	MUSSCHE'S BARREN-WORT	* <i>Epimedium Musschianum</i>	Not so ornamental as the other species, but desirable. Flowers have curious spurs. Foliage leathery, changing in color in the autumn. Prop. by division. Any garden soil. Japan.	1 ft. <i>Half shade</i>	May
"White"	LARGE WHITE MOUNTAIN DAISY	* <i>Erigeron Coûlteri</i>	Large feathery daisy-like flowers 1-2 on a stem. Good to mass in the wild garden or plant in the border. Prop. by seed or division. Any ordinary garden soil. Sierras; Rocky Mts.; Col.	6-20 in. <i>Sun</i>	Late May to late June
"Yellowish white"	RUNNING FLEABANE	* <i>Erigeron flagellaris</i>	Yellow-centred solitary aster-like flowers on half trailing leafy stems. Color varies to pink. Good for front of border, and for naturalizing in wild garden. Prop. by seed and division. Any ordinary soil. Western U. S. A.	4-6 in. <i>Half shade</i>	Mid. May to late June
"Bluish white" white & 6	WHITE DOGTOOTH VIOLET	** <i>Erythronium albidum</i>	See page 15.		Late Apr., May
"Greenish"	LILY-LIKE FRITILLARY	* <i>Fritillaria liliacea</i>	See page 15.		Apr., May
"White"	WHITE GUINEA-HEN FLOWER OR CHECKERED LILY	** <i>Fritillaria Meleagris</i> var. <i>alba</i>	See page 15.		Late Apr., May
"Greenish white"	CAUCASIAN SNOWDROP	* <i>Galanthus Caucasicus</i> <i>G. Redoutei</i>	See page 15.		Apr., May
"White"	PLAITED SNOWDROP	** <i>Galanthus plicatus</i>	See page 3.		Mar. to early May
"White"	WHITE BLOOD CRANES-BILL	* <i>Geranium sanguineum</i> var. <i>album</i>	Good species. Large flowers borne on branching stems. Pretty foliage. Border or rock-garden. Prop. by seed and division. Any good soil. Europe.	1 ft. <i>Sun or half shade</i>	Late May to mid. July
"White" often near 41	WHITE WATER AVENS OR WATER FLOWER	* <i>Gæum rivale</i> var. <i>album</i>	Single flowers 1-2 in. across, sometimes vary to blue. Leaves mostly at the base of plant. Good for the rock-garden. Prop. by seed and division. Light moist soil. N. Amer.	1-2 ft. <i>Half shade</i>	Late May, June
"Yellowish white"	ALPINE HUTCH-INSIA	* <i>Hutchinsia alpina</i>	Minute alpine plant with clustered flowers and glistening leaves. Attractive mass of bloom in rock-garden. Prop. by seed and division. Sandy soil. Pyrenees.	2-3 in. <i>Sun</i>	May, June
"White"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See page 59.		Late Apr., May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Greenish white"	ORANGE ROOT, GOLDEN SEAL	<i>Hydrástis Canadénsis</i>	See page 16.		Late Apr., May
"White"	GARREX'S CANDYTUFT	* <i>Ibèris Garrexiàna</i>	Spreading evergreen plant with clusters of blossoms which are good for cutting, rising above clumps of dark foliage. Mass in border or rock-garden. Leave undisturbed. Prop. by seed, division or cuttings. Any rich soil. S. Europe.	6-9 in. <i>Sun or shade</i>	May, June
"White"	ROCK CANDYTUFT	* <i>Ibèris saxátilis</i>	Spreading evergreen plant with clusters of flowers borne above masses of fine dark green foliage. Effective in clumps, drooping over rocks or edging the border. Prop. by seed, division or cuttings. Any ordinary garden soil, not too moist. S. Europe.	6-9 in. <i>Sun</i>	May, early June
"White"	LEATHERY-LEAVED ROCK CANDYTUFT	* <i>Ibèris saxátilis</i> var. <i>corifòlia</i> <i>I. corifòlia</i>	Excellent alpine plant, dwarf var. Flowers in round clusters on slightly drooping stems. See <i>I. saxatilis</i> . Sicily.	3-6 in. <i>Sun</i>	May, June
"White"	EVER-GREEN CANDYTUFT	** <i>Ibèris sempervirens</i>	Excellent shrubby plant with numerous dense clusters of flowers and handsome dark evergreen foliage. Very hardy and vigorous, and may prove troublesome by spreading. Splendid rock-garden or border plant and good for edging shrubberies. Prop. by seed, division or cuttings. Any soil. S. Europe. Var. <i>pleno</i> ; double flowered form not so desirable. Hort. Var. <i>foliis variegatis</i> , variegated leaves. Hort.	9-15 in. <i>Sun or half shade</i>	May, early June
"White"	TENORE'S CANDYTUFT	** <i>Ibèris Tenoreàna</i>	Dwarf evergreen shrubby plant. Flowers turn purple. Foliage very hairy. Liable to perish in heavy soils in winter. Pretty in rock-garden or margin of border. Prop. by seed. Sandy soil. S. Italy.	9-12 in. <i>Half shade</i>	"
"White"	FLORENTINE FLAG, ORRIS ROOT	** <i>Iris Florentina</i>	Large delicate scented flowers tinted with blue, with purple veining and orange-yellow beards, stand above the dark green leaves. Root-stock fragrant, (Orris-root). Good border plant in soil not too dry. Prop. by division. S. Europe. See Plate, page 79.	1-2 ft. <i>Half shade</i>	"
"White"	WHITE-FLOWERED DWARF FLAG	* <i>Iris pumila</i> var. <i>álba</i>	One of the best dwarf Iris. Short-lived flowers borne close to the ground. Sword-shaped leaves. Spreads rapidly. Good for rock-garden or margin of border. Prop. by division. Any garden soil. Europe.	4-8 in. <i>Sun or half shade</i>	May



ORRIS ROOT. *Iris Florentina*.



POET'S NARCISSUS. *Narcissus poeticus*.



LEUCOJUM AESTIVUM AND TULIPA "WHITE SWAN"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE SIBERIAN FLAG	** <i>Iris</i> <i>Sibirica</i> var. <i>álba</i>	Attractive species, distinguished by its tall slender stalks and early season. Forms dense tufts; many flower-stems bear clusters of pretty though rather small flowers, which rise above the grassy foliage. Good border plant. Prop. by division. Rich soil. Europe; E. Siberia.	2-3 ft. <i>Sun</i>	Late May to mid. June
"White"	TWIN-LEAF	* <i>Jeffersonia</i> <i>binata</i> <i>J. diphylla</i>	Dwarf plant, similar to the Blood-root. Solitary flowers 1 in. across on leafless stems. Round two-parted leaves. Bog or rock-garden plant. Prop. by seed and division. Peaty soil. S. Eastern U. S. A.	16-18 in. <i>Shade</i>	May
"White"	WHITE VARIEGATED NETTLE	<i>Lamium</i> <i>maculatum</i> var. <i>álbum</i> <i>L. álbum</i>	Semi-trailing plant. Flowers in whorls on leafy stalks. Heart-shaped foliage blotched with white. Good for border or for covering barren places. Prop. by division. Preferably sandy open soil. Europe.	6-8 in. <i>Sun</i>	Mid. May to late July
"White"	WHITE SPRING BITTER VETCH	** <i>Lathyrus</i> <i>vérnus</i> var. <i>álbus</i> <i>Orobis</i> v. var. <i>u.</i>	See page 16.		Late Apr., May
"White"	SUMMER SNOW-FLAKE	* <i>Leucòjum</i> <i>æstivum</i>	See page 16 and Plate, page 80.		Apr., May
"White"	SPRING SNOW-FLAKE	* <i>Leucòjum</i> <i>vérnum</i>	See page 16.		"
"White"	WHITE PERENNIAL FLAX	* <i>Linum</i> <i>perénne</i> var. <i>álbum</i>	Branching plant. Flowers on slender leafy stems. A free and continuous bloomer. Good border and rock-garden plant. Prop. by seed and division. Any garden soil. Europe.	1-2 ft. <i>Sun or half shade</i>	Mid. May to Aug.
"White"	WHITE OR EVENING CAMPION	* <i>Lýchnis</i> <i>álba</i>	See page 16.		Apr., May
"White"	MITRE-WORT, TWO-LEAVED BISHOP'S-CAP	<i>Mitella</i> <i>diphylla</i>	Small flowers in racemes on erect unbranching stalks. Fine large heart-shaped leaves on the flower-stalks and in a clump at base of plant. Rock or wild garden. Prop. by division. Moist soil somewhat peaty. Eastern States.	6-12 in. <i>Shade</i>	May
"White"	COMMON WHITE GRAPE HYACINTH	** <i>Muscari</i> <i>botryoides</i> var. <i>álbum</i>	See page 16.		Apr., May
"White"	WHITE WOOD FORGET-ME-NOT	* <i>Myosòtis</i> <i>sylvática</i> var. <i>álba</i>	Loose clusters of small flowers with yellow eyes. Good for spring bedding, for fringing walks, or in garden beds. Prop. by seed. Any good soil. Europe; Asia.	1-2 ft. <i>Sun or shade</i>	May, early June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	PRIMROSE PEERLESS	<i>Narcissus biflorus</i>	See page 16.		Mid. Apr. to late May
"White"	ALGERIAN WHITE HOOP- PETTICOAT DAFFODIL	* <i>Narcissus Bulbocodidium</i> var. <i>monophyllus</i>	See page 19.		Late Apr., early May
"White"	BUR- BIDGE'S NARCISSUS	<i>Narcissus Burbidgei</i>	See page 19.		Mid. Apr. to late May
"White"	PHEAS- ANT'S EYE, POET'S NARCISSUS	** <i>Narcissus poeticus</i>	A lovely and vigorous species. Fragrant wide-open flowers, the short cups having red edges. An old favorite. Plant in masses in the border, in the grass, or the edge of shrubby beds, where it will endure for years. Bulbous. Prop. by offsets. Plant the bulbs in late Sept. or Oct., 6 or 8 in. deep, 3 in. apart. Any good soil. Mediterranean Region. See Plate, p. 79. Vars.— <i>P. Grandiflorus</i> ; the largest of the type, pure white base-petals, cup suffused with crimson. <i>P. Ornatus</i> . Resembles <i>N. poeticus</i> though larger. It blooms earlier but is not so fragrant. <i>P. Poetarum</i> ; large flowers, a fine var.	12-15 in. Half shade best	May
"White" or 2	WHITE SPANISH TRUMPET DAFFODIL	<i>Narcissus Pseudo-Narcissus</i> var. <i>moschatius</i>	Very fragrant large trumpet flowers. These Narcissi unfortunately die out after a few years. Plant in rows or masses in the border or on the edge of shrubbery. Plant in late Sept. or Oct., 6-8 in. deep and 4 in. apart. Cover in winter. Bulbous. Prop. by offsets. Any good well-drained soil. Give an occasional top-dressing. See Plate, page 83.	6-9 in. Half shade best	Early to mid. May
"White" turns to 36	STEMLESS EVENING PRIMROSE	* <i>Ceanothera acaulis</i> <i>C. Taraxacifolia</i>	Tender perennial or biennial; treat as an annual. Trailing. Flowers 2½-3½ in. across, pure white, becoming rose-color. Dandelion-like leaves. Rock-garden. Prop. by seed and cuttings. Any well-drained soil. Chili.	6 in. Sun	Late May to Aug.
"White"	TUFTED EVENING PRIMROSE	* <i>Ceanothera caespitosa</i> <i>C. eximia</i> , <i>C. marginata</i>	Tender perennial or biennial; treat as an annual. Large fragrant flowers 3-4 in. across. Color changes to rose; scent like the Magnolia. Long jagged leaves. Good for rock-garden and border. Prop. by seed, cuttings or suckers. Any soil. S. Western U. S. A.	4-12 in. Sun	Late May, June



WHITE SPANISH TRUMPET DAFFODIL. *Narcissus Pseudo-Narcissus* var. *moschatus*.



COMMON STAR-OF-BETHLEHEM. *Ornithogalum umbellatum*.



WHITE SPIDERWORT. *Tradescantia virginiana* var. *alba*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE CREEPING FORGET-ME-NOT	* <i>Omphalodes verna</i> var. <i>alba</i>	See page 19.		Apr., May
"Cream white"	DROOPING STAR-OF-BETHLEHEM	<i>Ornithogalum nutans</i>	See page 19.		"
"White"	COMMON STAR-OF-BETHLEHEM, TEN-O'CLOCK	<i>Ornithogalum umbellatum</i>	Star-shaped flowers in clusters of 12-20. Leaves long and narrow, spotted with white. Pretty in grass and for wild gardens. Bulbous, increases rapidly. Any soil. Mediterranean Region. See Plate, page 84.	$\frac{1}{2}$ ft. Sun	May, June
"White"	ALLEGHANY MOUNTAIN SPURGE	<i>Pachysandra procumbens</i>	Dwarf shrubby plant with spikes of flowers sometimes varying in color to purplish. Attractive for the rock-garden on account of its masses of large dark leaves. Does well under trees. Prop. by division. Any soil. S. Eastern U. S. A.	6-12 in. Shade	Late May, early June
"White"	JAPANESE EVER-GREEN PACHY-SANDRA OR SPURGE	<i>Pachysandra terminalis</i>	Low-growing evergreen plant. Flowers in short spikes. Dense foliage, bright green and glossy, makes it good for carpeting. Grows well under trees. Prop. by division. Any garden soil. Japan. <i>P. t.</i> var. <i>variegata</i> , foliage variegated. Hort.	6-12 in. Sun or shade	Late May to mid. June
"White"	WHITE-FLOWERED PEONY	** <i>Pæonia albiflora</i> <i>P. edulis</i>	Showy herbaceous Peony. Single flowers with a tuft of yellow stamens. For varieties see page 159. For cultivation see <i>P. officinalis</i> var. <i>alba plena</i> .	2-4 ft. Sun or half shade	"
"White" marks 26 dull	POPPY-FLOWERED TREE PEONY	<i>Pæonia Moután</i> var. <i>papaveracea</i> <i>P. arborea</i> var. <i>papaveracea</i>	Beautiful shrub. Large flowers with delicate petals like a Poppy, red markings near the centre. Needs protected spot and winter covering. Handsome in the border, or on the edge of shrubbery. Prop. by grafting on roots of herbaceous species; it then does not flower until the third year. A gross feeder, it likes a rich rather moist loam enriched with cow manure.	3-6 ft. Sun or half shade	Mid. May to mid. June
"White"	STRIPED TREE PEONY	<i>Pæonia Moután</i> var. <i>vittata</i> <i>P. arborea</i> var. <i>v.</i>	Single flowers shot with pink, sweet scented. See <i>P. Moután</i> var. <i>papaveracea</i> .	3-6 ft. Sun or half shade	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	COMMON DOUBLE WHITE PEONY	<i>Pæonia officinālis</i> var. <i>ālba plēna</i>	Herbaceous Peony. Flowers double, white delicately tinted with crimson. Handsome divided foliage. Hardy and effective in the border, in clumps, or edging beds of shrubs. A half shady position is desirable. Prop. usually by division in early autumn. A gross feeder, it likes a deep rather moist loam enriched with cow manure. Hort.	2-3 ft. <i>Sun or half shade</i>	Mid. May to mid. June
"White"	ALPINE POPPY	** <i>Papāver alpinum</i>	Dwarf Alpine species. Large fragrant flowers with yellow centres. Foliage finely divided. Stems leafless. Prop. by seed. Good rock plant. European Alps. Var. <i>album</i> , flowers spotted at the base. Also colored varieties. See Plate, page 87.	6 in. <i>Sun</i>	Mid. May to early June
"White"	WHITE ICELAND POPPY	** <i>Papāver nudicaule</i> var. <i>album</i>	See page 19.		Late Apr. to mid. June, late Aug., Sept.
"White" 1	DOWNY PATRINIA	<i>Patrīnia villōsa</i>	Valerian-like flowers in flat-topped clusters. Hairy leaves making a compact dwarf plant for margin of border or rock-garden. Light rich soil. Japan.	10-12 in. <i>Sun</i>	May, June
"White"	WHITE MOSS OR GROUND PINK	* <i>Phlōx subulāta</i> var. <i>ālba</i>	See page 19.		Late Apr. to late May
"White"	MOSS OR GROUND PINK "THE BRIDE"	** <i>Phlōx subulāta</i> var. "The Bride"	See page 19.		"
"White"	NELSON'S MOSS OR GROUND PINK	* <i>Phlōx subulāta</i> var. <i>Nelsoni</i>	See page 19.		"
"White"	HIMALAYAN MAY APPLE	* <i>Podophýllum Emōdi</i>	Best species. Flowers cup-shaped 2 in. across, waxy and drooping beneath handsome large reddish leaves which die down in summer. Large bright red edible fruit. Wild garden plant. Prop. by seed and division. Deep soil, somewhat moist and peaty. Himalaya Region.	12-15 in. <i>Half shade</i>	Late May, late June
"White"	MAY APPLE, WILD MANDRAKE OR LEMON	<i>Podophýllum peltātum</i>	Resembles <i>P. Emodi</i> with dark green deeply divided foliage and large yellow fruit appearing in July. Wild garden plant. Prop. by seed and division. Deep soil, somewhat moist and peaty. N. Amer.	1-1½ ft. <i>Half shade</i>	May



ALPINE POPPY. *Papaver alpinum*.



BLOOD-ROOT. *Sanguinaria Canadensis*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE JACOB'S LADDER OR CHARITY	* <i>Polemonium caeruleum</i> var. <i>album</i>	Dwarf bushy plant. Bell-shaped flowers nearly 1 in. across, in compact terminal panicles. Profusion of compound leaves. Good border plant. Prop. by seed and division. Rich well-drained loamy soil is best. Hort.	1-3 ft. <i>Half shade</i>	Mid. May to July
"Greenish white"	GREAT OR SMOOTH SOLOMON'S SEAL	<i>Polygonatum giganteum</i> <i>P. commutatum</i>	Tubular flowers drooping from gracefully arched stems, leafy above. Very pretty for naturalization or wild garden. Prop. by division. Deep rich friable loam. Manitoba; U. S. A.	1-5 ft. <i>Half shade or shade</i>	Late May, June
"Greenish white"	SOLOMON'S SEAL	<i>Polygonatum multiflorum</i>	Tubular flowers droop from gracefully arched leafy stems. Very pretty for naturalization or wild garden. Prop. by division. Deep rich friable loam. Europe; Asia.	2-3 ft. <i>Half shade or shade</i>	Late May, early June
"White"	THREE-TOOTHED CINQUE-FOIL	<i>Potentilla tridentata</i>	Spreading tufted plant. Flowers small but numerous. Dark strawberry-like foliage. Good for the rock-garden. Prop. by seed and division. Dry soil. Coast New England and north; Rocky Mts.; Scotland.	10 in. <i>Sun</i>	Mid. May to early June
"Bluish white"	STRIPED SQUILL	<i>Puschinia scilloides</i> <i>Adamsia s.</i>	See page 20.		Late Apr., early May
"White" buds 23	FLOWERING MOSS PYXIE	<i>Pyxidanthëra barbulata</i> <i>Diapensia b.</i>	See page 20.		Apr., May
"White"	WHITE ROSETTE MULLEIN	* <i>Ramonda Pyrenæica</i> var. <i>alba</i>	Pretty var. of this popular species. Flowers 1½ in. across with orange centres. Leaves in rosettes on the ground. Protect in winter. Plant in the rock-garden. Prop. by seed or by division. Deep peaty well-drained soil. Hort.	2-6 in. <i>Half shade</i>	Mid. May to July
"White"	ACONITE-LEAVED BUTTER-CUP	* <i>Ranunculus aconitifolius</i>	Flowers in clusters. Foliage palmate, mostly in clumps at the base of the plant. Suitable for border or wild garden. Prop. by seed and division. Moist deep soil. Alps; Pyrenees. Var. <i>flore-pleno</i> , ( <i>R. a. var. plenus</i> ). Fair Maids of France, White Bachelor's Button. More effective than the species, having rosette-like double flowers. Pretty for the border.	½-2 ft. <i>Half shade</i>	"
"White"	WHITE BUTTER-CUP OR CROWFOOT	* <i>Ranunculus amplexicaulis</i>	Several flowers about 1 in. across, yellow centres, on slender stems. Foliage gray-green. Attractive for the rock-garden or border. Moist deep soil. S. Eastern Europe.	5-10 in. <i>Sun or half shade</i>	May, early June
"White"	BLOOD-ROOT, RED PUCCOON	* <i>Sanguinaria Canadensis</i>	See page 20 and Plate, page 88.		Early Apr. to mid. May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	ANDREW'S SAXIFRAGE	* <i>Saxifraga Andrewsii</i>	A good species. A hybrid between <i>S. Geum</i> and <i>S. Aizoon</i> . Numerous flowers dotted with red. Green spoon-shaped leaves. Plant in the rock-garden or border. Prop. by division. Sandy soil. Hort.	8-12 in. <i>Sun</i>	Late May, June
"Yellowish white"	LARGE STRAP-LEAVED SAXIFRAGE	* <i>Saxifraga ligulata</i>	Small flowers in thick panicles on erect or wavy stalks. Leaves chiefly in rosette at base of plant. Prop. by division or offshoots. Ordinary garden soil. Alps; Apennines.	1-2 ft. <i>Half shade</i>	May
"White" or 25 pale	UMBRELLA PLANT	* <i>Saxifraga peltata</i>	Flowers sometimes pale pink in clusters which appear before the foliage. Large shield-shaped leaves 1 ft. in diameter. Protect in winter. Border or margin of pond. Prop. by seed and division. Moist and peaty soil. Cal.	2-3 ft. <i>Sun</i>	Late May, early June
"Dull white"	EARLY SAXIFRAGE	<i>Saxifraga Virginiensis</i>	See page 20.		Apr. to late June
"White"	WHITE WOOD HYACINTH	* <i>Scilla festalis</i> var. <i>alba</i> <i>S. nutans</i> var. <i>alba</i>	Fragrant drooping bell-shaped flowers in panicles on leafless stalks. Grass-like foliage in clumps. Rock-garden, border or shrubbery. Pretty when naturalized in woods. Bulbous. Soil enriched with manure. W. Europe.	8-12 in. <i>Half shade</i>	May, early June
"White"	WHITE SPANISH OR BELL-FLOWERED SQUILL, WHITE SPANISH JACINTH	** <i>Scilla Hispanica</i> var. <i>alba</i>	Most robust species. Strong pyramidal spikes of pendent bell-shaped flowers. Leaves spring from the ground. Attractive in wild garden, rock-garden border or when naturalized. Bulbous. Prop. by offsets in summer. Any soil. Top-dress yearly. Europe.	12-18 in. <i>Sun</i>	Late May, June
"White"	WHITE SIBERIAN SQUILL	** <i>Scilla Sibirica</i> var. <i>alba</i>	See page 4.		Mid. Mar. to early May
"White"	GALAX-LEAVED SHORTIA	<i>Shórtia galacifolia</i>	Tufted plant, difficult to cultivate. Large nodding solitary flowers, white changing to rose. Evergreen foliage, tinged with bronze. Prop. by division or runners. Soil must contain "humus and leaf-mold." N. C. See Plate, page 91.	3-8 in. <i>Shade</i>	May, June
"White"	ALPINE CATCHFLY	<i>Silene alpestris</i>	Dwarf compact Alpine plant. Flowers in tight clusters. Stems sticky in some forms. Excellent for the rock-garden. Prop. by seed or division. Any soil. Alps; Austria.	4-6 in. <i>Sun</i>	"



GREATER STITCHWORT. *Stellaria Holostea*.



GALAX-LEAVED SHORTIA. *Shortia galacifolia*.



LARGE-FLOWERED WAKEROBIN. *Trillium grandiflorum*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	CAUCASIAN CATCHFLY	* <i>Silene</i> <i>Caucásica</i>	Flowers usually solitary, rising from tufts of leaves. Good border or rock-garden plant. Thrives in sandy loamy soil. Caucasus.	4-5 in. <i>Sun</i>	Late May, June
"Cream white"	FALSE SOLOMON'S SEAL	* <i>Smilacina</i> <i>racemosa</i>	Profusion of flowers in irregular feathery panicles. Handsome foliage. Very ornamental in July and Aug. when in fruit. Wild garden or border. Prefers rich moist but well-drained soil. U. S. A.	1-3 ft. <i>Half shade or shade</i>	May, June
"White"	EASTER BELL, GREATER STITCH-WORT OR STARWORT, ADDER'S MEAT	* <i>Stellaria</i> <i>Holostea</i> <i>Alsine</i> <i>Holostea</i>	A useful and pretty plant. Flowers numerous. Leaves insignificant. Good for border and for covering dry banks, where grass will not grow. Europe; N. Asia. See Plate, page 91.	6-18 in. <i>Sun or shade</i>	Mid. May to early June
"Cream white" often 37	COMMON COMFREY	<i>Symphytum officinale</i>	Branching plant of somewhat coarse habit. Drooping flowers which vary to pink or pale purplish, in clusters. Wild garden. Any good soil. Europe; Asia.	2-3 ft. <i>Sun or half shade</i>	Late May to mid. July
"Greenish" turns to 37	FALSE ALUM ROOT	<i>Tellima grandiflora</i>	Tufted plant bearing one-sided spikes of bell-shaped flowers which turn red or pink. Pretty veined foliage. Wild spots or rock-garden. Prop. by division. Any good garden soil. Western N. Amer.	1½-2½ ft. <i>Shade</i>	May
"White"	FEATHERED COLUMBINE	* <i>Thalictrum aquilegifolium</i>	Fine erect plant. Large clusters of feathery flowers, purplish in centres. Handsome dark foliage resembling the Columbine. Border, rock-garden or naturalization. Prop. by seed or division. Well-drained loam. Europe; N. Asia.	1-3 ft. <i>Sun or half shade</i>	Late May to mid. July
"White"	PURPLISH MEADOW RUE	<i>Thalictrum purpurascens</i> <i>T. purpureum</i> (Hort.)	Large lax leafy panicles of greenish flowers. Border or wild garden. Prop. in spring by seed and division. Well-drained loam. N. Amer.	4-7 ft. <i>Half shade</i>	Mid. May to July
"White"	MOUNTAIN BROOM-WORT	<i>Thlaspi alpestre</i>	Tufted plant with leafy clusters of flowers rising from rosettes of foliage. Neat for rockwork. Cool moist situation. Rocky Mts.	2-4 in. <i>Shade</i>	May, June
"White"	FOAM FLOWER	<i>Tiarella cordifolia</i>	Pretty starry flowers, borne in profusion in erect racemes. Buds faintly tinged with pink. Young leaves green; root leaves bronze. Divide every 2 years. Pretty in masses, Prop. by division. Prefers rich moist soil. Eastern N. Amer.	6-12 in. <i>Half shade or shade</i>	May
"White"	EASTER DAISY of Colorado.	<i>Townsendia sericea</i>	See page 20.		Apr., May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE SPIDER-WORT	* <i>Tradescantia Virginiana</i> var. <i>alba</i>	Bushy plant of free growth. Profusion of flowers in umbels. Long narrow leaves droop from the flower-stalks. Border or rock-garden. Prop. in spring by division. Ordinary garden soil. Eastern U. S. A.	1-3 ft. Sun or half shade	Late May to late Aug.
"White"	STAR FLOWER, CHICK-WEED-WINTER-GREEN	<i>Trientalis Americana</i>	Slender-stemmed erect plant bears starry flowers, singly or in pairs, above a whorl of leaves. Wild garden. Prop. by seed in spring or by division. Light peaty soil. Eastern N. Amer.	6-9 in. Shade	May
"White"	NODDING WAKE-ROBIN	<i>Trillium cernuum</i>	See page 20.		Late Apr. to early June
"White"	WHITE ILL-SCENTED WAKE-ROBIN	* <i>Trillium erectum</i> var. <i>album</i>	See page 20.		"
"White" turns to 36	LARGE-FLOWERED WAKE-ROBIN	** <i>Trillium grandiflorum</i>	Largest and most effective of the Trilliums. Solitary three-petaled flowers, changing to delicate rose. Wavy leaves 3 on a stem, near the flower. Excellent for shady situation. Prop. by seed and division. Rich moist soil. Eastern N. Amer. See Plate, page 92.	9-12 in. or more Half shade	May to early June
"Cream white"	EARLY WAKE-ROBIN	<i>Trillium nivale</i>	See page 20.		Late Apr., May
"White"	EGG-SHAPED TRILLIUM	<i>Trillium ovatum</i>	Resembles <i>T. grandiflorum</i> , but the petals are narrower. Sepals same length as petals. Protect in winter. See <i>T. grandiflorum</i> . Pacific States.	9-12 in. Half shade	May
"White"	PAINTED WAKE-ROBIN	<i>Trillium undulatum</i> <i>T. erythrocarpum</i> , <i>T. pictum</i>	See page 20.		Late Apr., May
"White"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See page 64.		Late Apr. to late May
"White"	TULIP	** <i>Tulipa</i> vars.	Double Early Bedding Tulips. See page 64.		"
"White"	AMERICAN BARREN-WORT	* <i>Vancouveria hexandra</i> <i>Epidemium hexandrum</i>	Hardy plant, with loose panicles of small flowers, valuable for its feathery delicate foliage. Grows well under trees. Plant in shady rock-garden or cultivate in masses. Prop. by division. Pacific Coast.	1 ft. Shade	May, June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	<b>WHITE GENTIAN-LEAVED SPEEDWELL</b>	<i>Verónica gentianoides</i> var. <i>álba</i>	See page 23.		Late Apr. to late May
"Bluish white" tinged with 46	<b>CREeping SPEEDWELL</b>	* <i>Verónica repens</i>	Creeping plant forming a mat of glossy green, covered with racemes of a few blue-tinged flowers. Good for rockwork and for covering bare spots. Prop. by seed and division. Prefers moist soil, but will grow where it is quite dry. Corsica.	Prostrate Sun	May
"White"	<b>COMMON WHITE PERIWINKLE OR RUNNING MYRTLE</b>	<i>Vinca minor</i> var. <i>álba</i>	See page 23.		Late Apr. to June
"White"	<b>SWEET WHITE VIOLET</b>	<i>Viola blánda</i>	See page 23 and Plate, page 112.		Apr., May
"White" tinged with 43	<b>CANADA VIOLET</b>	<i>Viola Canadénsis</i>	See page 23.		Late Apr. to mid. June
"White"	<b>WHITE DOG VIOLET</b>	<i>Viola canina</i> var. <i>álba</i>	See page 23.		Late Apr. to late May
"White"	<b>WHITE HORNED VIOLET OR BEDDING PANSY</b>	** <i>Viola cornúta</i> var. <i>álba</i>	See page 23.		Late Apr. until frost
"White"	<b>SWEET VIOLET</b>	<i>Viola odoráta</i> var. <i>álba</i>	See page 23.		Late Apr. to late May
"White"	<b>WHITE BIRD'S-FOOT VIOLET</b>	<i>Viola pedáta</i> var. <i>álba</i>	A pretty species. Large flowers almost white. Flat petals pointed, and somewhat pansy-like. Leaves finely divided suggestive of a bird's foot. Wild garden or for naturalization. Prop. by seed and division. Dry sandy soil. U. S. A.	3-6 in. Sun	May, June
"Yellowish white" 2	<b>TURKEY'S BEARD</b>	<i>Xerophýllum setifólium</i> <i>X. asphodeloides</i>	Stately plant which looks like an Asphodel. Flowers in long dense racemes terminating a tall stem which rises from a tuft of grassy leaves. Moist border or bog garden. Prop. by careful division in spring. Moist peaty soil. Eastern U. S. A.	1-4 ft. Half shade	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	WOOLLY-LEAVED MILFOIL	* <i>Achillea tomentosa</i>	Downy plant of trim effect which forms a carpet. Yellow flowers in clusters. Good for cutting. Foliage feathery and evergreen. Pretty for the margin of border and rock-garden. Prop. by seed, division and cuttings. Any soil. N. Amer.; Europe; the East.	8-10 in. Sun	Late May to mid. Sept.
"Yellow" 5	SPRING ADONIS, OX EYE	** <i>Adonis vernalis</i> <i>A. Apennina</i> , <i>A. Davurica</i>	See page 23.		Mid. Apr. to June
"Yellow" 4	GOLDEN GARLIC	** <i>Allium Moly</i>	See page 24.		"
"Lemon yellow" 2	AUSTRIAN MADWORT	* <i>Alýssum Gemonense</i>	See page 24.		Apr., May
"Golden yellow" 5	ROCK MADWORT, GOLDEN-TUFT	** <i>Alýssum saxatile</i>	See page 24.		Mid. Apr. to late May
"Yellow" 5	COMPACT ROCK MADWORT OR GOLDEN-TUFT	** <i>Alýssum saxatile</i> var. <i>compactum</i>	See page 24		Mid. Apr. to June
"Golden yellow" bet. 1 & 2	YELLOW WOOD ANEMONE	* <i>Anemone ranunculoides</i>	See page 24.		Apr., May
"Yellow" 2, centre 6	GOLDEN MARGUERITE, ROCK CAMOMILE	* <i>Anthemis tinctoria</i>	Dense bushy plant vigorous and free flowering. Daisy-like flowers 1-2 in. across. Foliage deeply cut. Good to cut and for borders. Prop. by seed and division. Any ordinary soil. Europe.	2-3 ft. Sun	Mid. May to Oct.
"Yellow" 2	YELLOW CANADIAN COLUMBINE	* <i>Aquilegia Canadensis</i> var. <i>flaviflora</i> <i>A. C.</i> var. <i>flavescens</i> , <i>A. cœrulea</i> var. <i>f.</i>	See page 24.		Late Apr. to early July
"Yellow" 3 & 2	GOLDEN SPURRED COLUMBINE	** <i>Aquilegia chrysantha</i> <i>A. leptoceras</i> var. <i>chrysantha</i>	A captivating species. Numerous fragrant flowers 2-3 in. across with long slender spurs. Graceful branching stems and handsome dark foliage. Hardier than many other Columbines. Plant in a sheltered place. Prop. by seed sown as early as possible and by division. Deep sandy loam. S. Western U. S. A. *Var. <i>flavescens</i> ( <i>A. aurea</i> , <i>A. Canadensis</i> var. <i>aurea</i> ); (color no. 2 marked with 32). Showy flowers marked with red, recurved spurs and pretty foliage. Mid. May to July. Hort.	3-4 ft. Sun	Late May to late Aug.



LARGE YELLOW LADY SLIPPER. *Cypripedium pubescens*.



LARGE YELLOW LADY SLIPPER. *Cypripedium pubescens*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	PROPHET FLOWER	<i>Arnèbia echioïdes</i> <i>Macrotòmia e.</i>	See page 24.		Apr., May
"Yellow" 5	DOUBLE MARSH MARIGOLD	<i>Cáltha palústris</i> var. <i>fiòre-plèno</i> <i>C. p. var. monstròsa plèna</i>	See page 24.		"
"Greenish yellow" 2 & green	BLUE COHOSH	<i>Caulophýllum thalictroïdes</i>	See page 27.		"
"Yellow" 1 & 21 light	LEMON-COLOR MOUNTAIN BLUET	<i>Centaurea montana</i> var. <i>citrina</i> <i>C. m. var. sulphurea</i>	Low running stems. Flowers resembling the Bachelor's Button, of good size and abundant, with brown centres and yellow petals. Foliage whitish. Border. Prop. by division. Ordinary garden soil. Armenia.	12-18 in. Sun	Late May to early July
"Greenish yellow" 2 greener	YELLOW CLINTONIA	<i>Clintonia borealis</i> <i>Smilacina borealis</i>	Flowers edged with yellow, in terminal clusters, succeeded by handsome blue berries and springing from a clump of dark shining leaves. Suitable for shady part of rock-garden or wild garden. Prop. by spring division. Moist sandy peaty soil. N. Amer.	1-2 ft. Shade	May, early June
"Golden yellow" 4	NOBLE FUMITORY	* <i>Corýdalis nobilis</i> <i>Fumaria nobilis</i>	Bushy plant of erect habit. Large clusters of flowers white and golden yellow with chocolate spurs. Leaves finely divided. Good border plant. Prop. by seed and division. Siberia.	10-12 in. Sun or half shade	"
"Bright yellow" 2 deep & dull	SMALL YELLOW LADY'S SLIPPER	* <i>Cypripedium parviflorum</i>	Small flowers with flattened sac and slight perfume. Oval pointed leaves attached to flower stem. Protect in winter. Plant in wild or rock-garden. Prop. by division. Porous moist peaty soil. N. Amer.	1-2 ft. Shade	May, June
"Pale yellow" 2 deep & dull	LARGE YELLOW LADY'S SLIPPER	** <i>Cypripedium pubescens</i> <i>C. parviflorum</i> , <i>C. hirsutum</i>	One of the easiest to cultivate. Stems bear 1-3 greenish yellow flowers, spotted with brown, petals generally curled. For culture see <i>C. parviflorum</i> . Pa. to S. C. See Plates, pages 97 and 98.	1-2 ft. Shade	"
"Golden yellow" 5	AUSTRIAN LEOPARD'S BANE	* <i>Doronicum Austriacum</i>	Flowers numerous of the composite order and usually single. Foliage mostly in crown at base. Good for cutting. Plant in rough places or use as a border plant. Prop. by division. Any soil. S. Central Europe.	1½ ft. Sun or half shade	"
"Yellow" 5	CAUCASIAN LEOPARD'S BANE	* <i>Doronicum Caucasicum</i>	Vigorous plant, with composite flowers, about 2 in. in diameter, generally solitary. Root leaves heart-shaped. Good for cutting. Prop. by division. Thrives in good loam. Woods of Caucasus; Sicily.	1-2 ft. Sun	May, early June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Golden yellow" 5	CLUSIUS'S LEOPARD'S BANE	* <i>Doronicum Clusii</i>	Striking plant with large flowers. Foliage on flower stems, downy and toothed. Good for cutting. For cultivation see <i>D. Caucasicum</i> . Alps of Switzerland; Austria.	1½-2 ft. Sun	May, June
"Yellow" 5	CRAY-FISH LEOPARD'S BANE	* <i>Doronicum Pardaliánches</i>	Flowers 1-5 on a stalk, rising high above a tuft of heart-shaped leaves. Good for cutting. Plant in wild spots. Prop. by division. Rich loamy soil. Europe.	1-2 ft. Sun	"
"Yellow" 5	PLANTAIN-LEAVED LEOPARD'S BANE	* <i>Doronicum plantaginæum</i>	Composite flowers generally solitary, high above the clump of root leaves. Good for cutting. Prop. by division. Thrives in good loam. Sandy woods of Europe.	2 ft. Sun	"
"Orange yellow" 7	TALL PLANTAIN-LEAVED LEOPARD'S BANE "HARPUR CREWE"	* <i>Doronicum plantaginæum</i> var. <i>excelsum</i> <i>D. excelsum</i> "Harpur Crewe"	Best of <i>Doronica</i> . Vigorous bushy plant with showy flowers and pointed leaves in a tuft at the base of plant. Prop. by division. Thrives in good loam. Europe.	1½-4 ft. Sun	"
"Yellow" 4	VITALE'S DOUGLASIA	<i>Douglásia Vitaliàna</i> <i>Arètia Vitaliàna</i> , <i>Gregòria Vitaliàna</i>	Rather delicate prostrate stems. Primrose-like flowers hardly projecting above the grayish foliage. Water and mulch in summer and protect in winter. Rock-garden. Prop. by seed and division. Moist peaty loam is best. Pyrenees; Alps.	2 in. Half shade	Late May, June
"Yellow" 4	AIZOON-LIKE WHITLOW GRASS	<i>Dràba aizoides</i>	Alpine plant with a profusion of small flowers above the tufts of dark foliage. Attractive in clumps for the border or rock-garden. Prop. by seed, but generally by division. Loose soil. Europe.	2-3 in. Sun	May, early June
"Yellow" 4	EVER-GREEN WHITLOW GRASS	<i>Dràba Aizoon</i>	See page 27.		Late Apr., May
"Yellow" 4	ALPINE WHITLOW GRASS	<i>Dràba alpina</i>	See page 27.		"
"Yellow" 1	BARREN-WORT	* <i>Epimèdium pinnàtum</i>	A good species. Strong growing attractive plant. Flowers in long clusters, with red spurs. Tufted foliage, beautiful and persistent, bronze-colored when young. Pleasing in rock-garden or border. Prop. by division. Any garden soil, preferably peaty. Persia; Caucasus.	1½ ft. Half shade	May
"Yellow" 5 duller	LARGE-FLOWERED BARREN-WORT	* <i>Epimèdium pinnàtum</i> var. <i>Còlchicum</i> <i>E. Còlchicum</i>	Golden yellow flowers; spurs inconspicuous. See <i>E. pinnatum</i> . Persia.	9 in. Sun	"

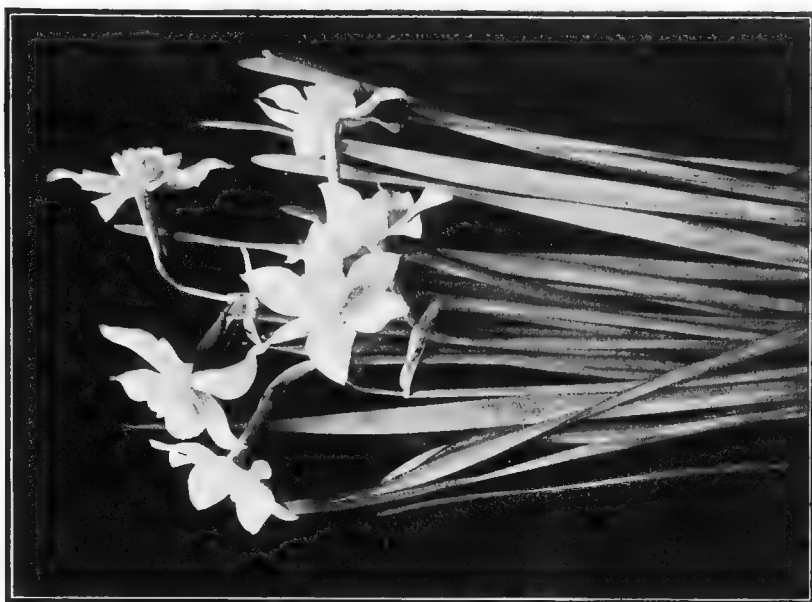


Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Sulphur yellow" 4	MOUNTAIN HEDGE MUSTARD	* <i>Erýsimum alpinum</i>	Fragrant flowers in profusion. Good for rock-garden or front of border. Frequent division advisable. Prop. by seed and division. Light soil. Norway.	6 in. <i>Sun</i>	May, June
"Sulphur yellow" 4	ALPINE WALL-FLOWER	<i>Erýsimum ochroleucum</i>	See page 27.		Late Apr., May
"Yellow" 3	ROCK-LOVING HEDGE MUSTARD	* <i>Erýsimum rupéstre</i> <i>E. pulchellum</i>	Plant resembling the Wallflower. Leaves narrow. Suitable for rock-garden. Prop. by seed or division. A well-drained light soil. Asia Minor.	6-8 in. <i>Sun</i>	May, early June
"Yellow" 1	COMMON ADDER'S TONGUE OR DOGTOOTH VIOLET	** <i>Erythrónium Americánum</i>	See page 27.		Late Apr. to late May
"Yellow" 15 yellow & lighter	LEMON-COLORED DOGTOOTH VIOLET	* <i>Erythrónium citrinum</i>	See page 27.		Late Apr. to mid. May
"Yellow" 5 light	LARGE-FLOWERED DOGTOOTH VIOLET	** <i>Erythrónium grandiflórum</i> <i>E. gigantéum</i>	See page 27.		"
"Yellow" 2 pale & greenish	MYRSINITES-LIKE SPURGE	* <i>Euphórbia Myrsinítes</i>	See page 28 and Plate, page 104.		Mid. Apr. to late May
"Bright yellow" 5	GOLDEN FRITILLARY	* <i>Fritillária aurea</i>	See page 28.		Mid. Apr. to June
"Greenish yellow" 2 deep & greenish	PALE-FLOWERED FRITILLARY	* <i>Fritillária pallidiflóra</i>	See page 28.		"
"Yellow" 5	SHY FRITILLARY	* <i>Fritillária púdica</i>	See page 28.		Mid. Apr. to mid. May
"Yellow" 6	YELLOW-FLOWERED MOUNTAIN AVENS	* <i>Gèum montánium</i>	Good species. A profusion of pretty cup-shaped flowers rising above leaves that lie close to the ground. Pleasing in rock-garden or border. Prop. by seed and division. Moist soil, preferably light. S. Europe.	9 12 in. <i>Sun</i>	Late May to mid. June
"Yellow" 6 lighter	PYRENEAN AVENS	<i>Gèum Pyrenáicum</i>	Drooping flowers in clusters of 2-4 on unbranching stems. Rock-garden or margin of border. Prop. by seed and division. Light moist soil. Pyrenees.	1½ ft. <i>Half shade</i>	Mid. May to mid. June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	HOOPES'S SNEEZE-WEED	** <i>Helénium Hoopesii</i>	Somewhat coarse habit. Large showy daisy-like flowers, good for cutting. Valuable border plant. Prop. by seed, division and cuttings. Thrives in rich moist soil. Western N. Amer.	1-3 ft. Sun	Late May to late June
"Yellow"	DUTCH HYACINTH	** <i>Hyacínthus orientális</i> vars.	See page 59.		Late Apr., May
"Deep yellow" 5 deep	YELLOW STAR GRASS	<i>Hypóxis erécta</i> <i>H. hirsuta</i>	A low grass-like plant with small star-shaped flowers in clusters and grass-like leaves. Rock or wild garden. Prop. by division. Any soil. U. S. A. See Plate, page 103.	$\frac{1}{2}$ ft. Half shade	May, June
"Yellow"	YELLOW-BANDED FLAG	<i>Íris orientális</i> <i>I. ochroleuca</i> , <i>I. gigantea</i>	One of the largest species. Forms vigorous clumps. Two to three spikes of flowers. Petals fade into white at the margin. Glaucous leaves which twist gracefully. Prop. by division. Almost any soil. Asia Minor; Syria.	3-4 ft. Sun or half shade	Late May, June
"Yellow" 5 & 2	YELLOW OR COMMON WATER FLAG	* <i>Íris Pseudácorus</i> <i>I. Pseudácorus</i>	Forms luxuriant clumps having many stems which bear large broad-petaled flowers veined with brown. Long stiff gray-green leaves. Beautiful for the margin of water. Prop. by division. Europe.	$1\frac{1}{2}$ -3 ft. Sun	Late May to late June
"Yellow" 5	HOOP-PETTICOAT DAFFODIL	* <i>Narcíssus Bulbocòdium</i>	See page 28.		Late Apr. to late May
"Yellow mixed"	STAR DAFFODIL	** <i>Narcíssus incomparabilis</i> & vars.	See page 28, and Plate, page 103.		Mid. Apr. to mid. May
"Yellow" 3	JONQUIL	* <i>Narcíssus Jonquilla</i> & vars.	See page 31.		Apr., early May
"Yellow mixed"	COMMON OR TRUMPET DAFFODIL, LENT LILY	** <i>Narcíssus Pseudo-Narcíssus</i> vars.	See page 31.		Late Apr., May
"Pale yellow" 1	SESSILE-LEAVED BELLWORT	<i>Oakèsia sessilifolia</i> <i>Uvulària sessilifolia</i>	Wild in woods. Graceful but inconspicuous plant; a few drooping flowers on slender stems. Pretty foliage. Naturalize under trees or in wild garden. Rich moist light soil. N. Amer.	1 ft. Half shade	May, June
"Yellow" 5 or 6 brilliant	ICELAND POPPY	** <i>Papàver nudicàble</i>	See page 35.		Late Apr. to July, late Aug. to Oct.



YELLOW STAR GRASS. *Hypoxis erecta*.



STAR DAFFODIL VAR. STELLA. *Narcissus incomparabilis Stella*.



MYRSINITES-LIKE SPURGE. *Euphorbia Myrsinites*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 6	SCABIOUS-LEAVED PATRINA	<i>Patrinia scabiosæfolia</i>	Flowers in flat-topped clusters. Foliage deeply divided. Margin of border or rock-garden. Prop. by seed. Light rich soil. N. Asia.	10-12 in. <i>Sun</i>	May, June
"Creamy yellow" 2	WOOD BETONY	<i>Pedicularis Canadensis</i>	Valued for its fern-like foliage. Flowers sometimes purple tinged, rarely white, in short terminal spikes. Prop. by seed. Moist peaty soil. N. Amer.	5-12 in. <i>Sun</i>	"
"Yellow" 3	SILVERY CINQUE-FOIL	<i>Potentilla argentea</i>	A tufted plant with flowers borne on leafy stems. Leaves deep green on top, whitish beneath. Useful for rockwork and can be grown where other plants will die. Prop. by seed and division. Sandy light soil. North Temperate Zone.	4-12 in. <i>Sun</i>	Early May to early July
"Lemon yellow" 3	CALABRIAN CINQUE-FOIL	<i>Potentilla Calábria</i>	A dwarf species with somewhat cup-shaped flowers 1 in. across and pretty silvery foliage. Rock-garden. Prop. by seed and division. Sandy light soil. Europe.	10-12 in. <i>Sun</i>	Late May to early July
"Golden yellow" 5	PYRENEAN CINQUE-FOIL	<i>Potentilla Pyrenæica</i>	Vigorous showy species with cup-shaped flowers. For rockwork or border. Prop. by seed and division. Light soil. Pyrenees.	6-15 in. <i>Sun</i>	May to Aug.
"Pale yellow" 2	COMMON EUROPEAN OR TRUE PRIMROSE	* <i>Primula acaulis</i> <i>P. grandiflora</i> <i>P. vulgaris</i>	See page 35.		Mid. Apr. to June
"Yellow" 3 light	OXLIP	<i>Primula elætiar</i>	Resembles <i>P. officinalis</i> but with larger flowers. Blossoms broad and flat. Leaves wrinkled. Plant in the border or rock-garden. Protect in winter. Prop. by fresh seed, division or cuttings. Rich light soil, not dry. Mts., Europe.	8-12 in. <i>Half shade</i>	May
"Yellow" 3	ENGLISH COWSLIP	** <i>Primula officinalis</i>	See page 35.		Late Apr. to late May
"Rich yellow" 3 light	STUART'S PRIMROSE	** <i>Primula Stuartii</i>	Fine vigorous species. Flowers droop in many-blossomed umbels. Leaves sometimes 1 ft. long. Sheltered, somewhat elevated position in rock-garden. Prop. generally by seed. Light deep soil, not dry. Mts., N. India.	9-15 in. <i>Half shade</i>	Late May, June
"Golden yellow" 5	BACHE-LORS' BUTTON	<i>Ranunculus acris</i> var. <i>flöre-pleno</i>	Downy plant of the Buttercup family. Unusually double globular flowers. Leaves deeply divided. Border. Prop. by seed and division. Any good loam, moist if possible. Hort.	½-3 ft. <i>Sun</i>	Mid. May to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	DOUBLE ACONITE-LEAVED BUTTERCUP	<i>Ranunculus aconitifolius</i> var. <i>luteus-plenus</i>	Double rosette-shaped flowers in clusters. Foliage palmate mostly at base of plant. Suitable for the border or wild garden. Prop. by seed and division. Moist deep soil. Hort.	4-3 ft. Half shade	Mid. May to July
"Yellow" 5	LESSER CELANDINE, FIGWORT	* <i>Ranunculus Ficaria</i> <i>Ficaria</i> <i>Ficaria</i>	Neat little plant covered with pretty flowers. Leaves form a dense mat of shining green. Plant under trees or in the rock-garden. Prop. by seed and division. Any garden soil. Europe; Western Asia. See Plate, page 107.	4-5 in. Sun or half shade	May
"Yellow" 5	MOUNTAIN BUTTERCUP	<i>Ranunculus montanus</i>	Downy plant. Flowers solitary, about 1 in. wide. Plant in rock-garden. Prop. by seed and division. Sandy soil. Europe.	6-9 in. Half shade	May to early July
"Yellow" 5	CREeping DOUBLE-FLOWERED BUTTERCUP	<i>Ranunculus repens</i> var. <i>flore-pleno</i>	Double form of common Buttercup. Flowers half spherical. Suitable for moist places. Prop. by seed and division. Loam deep and moist. Europe; Asia; N. Amer.	6-12 in. Sun	May to Aug.
"Yellow" 4	STONECROP, WALL PEPPER, LOVE ENTANGLE	* <i>Sedum acre</i>	Useful dwarf plant, covered with small starry flowers on creeping stems. Leaves pulpy. Good on rocks and for carpeting sandy waste places. Prop. by division and cuttings. Prefers poor soil. Great Britain; Europe. Var. <i>aureum</i> ; (color no. 4 greener), shoots have golden yellow tips in early spring.	2-3 in. Sun or half shade	Late May, June
"Yellow" 8 lighter	CELANDINE POPPY	<i>Stylóphorum diphyllum</i> <i>Chelidonium diphyllum</i> <i>Papàver Stylóphorum</i>	Resembles <i>Chelidonium majus</i> , but is a better plant. Grows in large tufts. Poppy-like flowers freely produced. Grayish foliage. Easily cultivated in rich rather loose moist soil. Central U. S. A.	1 ft. Sun or shade	May, early June
"Yellow" 4	BEAN-LIKE THERMOPSIS	* <i>Thermópsis fabacea</i> <i>T. montana</i>	Effective plant. The blossoms, borne on long terminal spikes resemble the Lupine. Leaves large. Good border plant. Prop. by seed sown in fall or spring. Light soil. N. Amer.	1-1½ ft. Sun	May, June
"Yellow" 4	ALLEGHANY THERMOPSIS	* <i>Thermópsis mollis</i>	Erect branching plant. Flowers in showy spikes. Good border plant. Prop. by division, but better by seed. Any soil, preferably light and well-drained. Southern Atlantic States.	2-3 ft. Sun or shade	Mid. May to Aug.
"Yellow" 8	MOUNTAIN THERMOPSIS	<i>Thermópsis montana</i>	A graceful and distinct species. See <i>T. fabacea</i> . Western U. S. A.	1½ ft. Sun or shade	May, June
"Orange yellow" 6	ORANGE GLOBE FLOWER	** <i>Tróllius Asiáticus</i>	See page 35.		Late Apr. to late May, early Aug. to Oct.



LESSER CELANDINE. *Ranunculus Ficaria*.



SPRING FLOWERS



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	MOUNTAIN GLOBE FLOWER	** <i>Tróllius Europæus</i> <i>T. globosus</i>	Branching plant. Round double flowers either solitary or in pairs. Beautifully shaped, deeply divided leaves. Good border plant. Prop. by seed and division; flowers the second year from seed. Flourishes in sandy peaty loam. N. Europe. Var. <i>Loddigesii</i> , flowers of deeper yellow. Hort.	6-15 in. <i>Half shade best</i>	Early May to early June
"Orange yellow" 7	JAPANESE GLOBE FLOWER	* <i>Tróllius Japonicus</i>	Flowers deeper color than <i>T. Europæus</i> . Dense-growing plant with round double flowers like giant Buttercups. Handsome deeply divided leaves. Good border plant. Prop. by seed and division; flowers the second year from seed. Thrives in sandy peaty loam. Japan.	15 in. <i>Half shade</i>	May, June
"Yellow"	TULIP	** <i>Tùlipa</i> vars.	Single Early Bedding Tulips. See page 64.		Late Apr. to late May
"Yellow"	TULIP	** <i>Tùlipa</i> vars.	Double Early Bedding Tulips. See page 64.		"
"Yellow" 5 streaked with 18	TURKISH TULIP	* <i>Tùlipa acuminata</i>	Not effective for bedding. Petals very long and narrow and reflexed, streaked with red. Leaves have wavy margins. Plant in late Sept. or Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each bulb. It is wise to protect in winter and to give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is not good put sand around the bulb. Hort.	1-1½ ft. <i>Sun</i>	May
"Yellow" 3 flushed with 18	SOUTHERN TULIP	* <i>Tùlipa australis</i>	Not good for bedding. Similar to <i>Tulipa sylvestris</i> , but smaller in every way. Drooping buds. Bell-shaped flowers slightly funnel-form, tinged with red on the outside. For cultivation see <i>T. acuminata</i> . S. Europe; N. Africa.	1-1½ ft. <i>Sun</i>	"
"Lemon yellow" 3 lighter & warmer flushed with 29	BATALIN'S TULIP	* <i>Tùlipa Batalini</i>	Not good for bedding. One of the earliest Tulips. Flowers bell or funnel-shaped. Leaves lie on the ground. For cultivation see <i>T. acuminata</i> . Asia.	5 in. <i>Sun</i>	Early May
"Yellow" 3 lighter & warmer & 30	BIEBER-STEIN'S TULIP	* <i>Tùlipa Biebersteiniàna</i>	Not good for bedding. Broad bell-shaped flowers tinted with reddish-pink on the edges, brownish at base. Buds slightly drooping. For cultivation see <i>T. acuminata</i> . Asia.	6 in. <i>Sun</i>	May
"Yellow" 5 light, 18 outside	KAUF-MANN'S TULIP	* <i>Tùlipa Kaufmanniàna</i>	Large bright flowers tinted with red near the top. Grayish leaves. See <i>T. acuminata</i> . Turkestan.	6-10 in. <i>Sun</i>	Mid. May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 6	PERSIAN TULIP	* <i>Tùlipa</i> <i>Pérsica</i> <i>T. pátens</i>	Flowers about 3 in. wide, green-tinted outside, whitish within, yellow in centre. Plant in late Sept. or Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. It is wise to protect in winter and to give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is poor put sand around the bulb. Siberia.	3-9 in. <i>Sun</i>	Mid. May
"Yellow" 3 dull	REFLEXED TULIP	** <i>Tùlipa</i> <i>retrofléxa</i>	An elegant and graceful species. Flowers poised on slender stems, open widely, having very pointed and reflexed petals. More delicate in appearance than most hybrid Tulips. Plant in clumps or masses in the border of shrubbery beds, etc. There is also a red var. For cultivation, etc., see <i>T. Persica</i> . Hort. See Plate, page 111.	12-15 in. <i>Sun</i>	Early to late May
"Pale yellow" 3	WILD TULIP	* <i>Tùlipa</i> <i>sylvéstris</i> <i>T. Florentína</i> <i>T. F. var.</i> <i>odoráta</i>	Fragrant flowers sometimes edged with red. Nodding buds and slender grayish leaves. For cultivation see <i>T. Persica</i> . England; Europe. See Plate, page 111.	10-15 in. <i>Sun</i>	Early May
"Sulphur yellow" 4	VITELLINE OR YELLOW TULIP	** <i>Tùlipa</i> <i>vitellína</i>	Delicate yet showy in appearance, of sturdy habit with large shapely flowers of a soft color. One of the "Cottage Garden" Tulips. For location and cultivation see <i>T. Persica</i> . Hort.	1-2 ft. <i>Sun</i>	May
"Lemon yellow" 2	LARGE- FLOWERED BELLWORT	* <i>Uvulària</i> <i>grandiflòra</i>	This species has stouter stems and larger flowers than <i>U. perfoliata</i> . Eastern N. Amer.	10-18 in. <i>Shade</i>	May, June
"Cream yellow" 1 pale	PERFO- LIATE BELLWORT, WILD OATS	<i>Uvulària</i> <i>perfoliàta</i>	A pretty but modest native. Long and narrow bell-shaped flowers droop gracefully amidst luxuriant soft green foliage. Wild garden plant. Prop. by division. Rich light soil. U. S. A. See Plate, page 112.	6-20 in. <i>Shade</i>	May
"Yellow" 3	LONG- LEAVED ITALIAN MULLEIN	* <i>Verbáscum</i> <i>longifòlium</i> <i>V. pannòsum</i>	A single erect stalk with flowers borne at the top in irregular branching racemes. Woolly leaves, lower ones very long. Coarse but imposing in the border; also looks well in front of shrubbery. Prop. by seed. Any soil. Italy.	3-4 ft. <i>Sun</i>	Late May to late June
"Yellow" 6	YELLOW HORNED VIOLET OR BEDDING PANSY	** <i>Viola</i> <i>cornùta</i> var. <i>lùtea major</i>	See page 35.		Late Apr. until frost
"Yellow" 2	HALBERD- LEAVED YELLOW VIOLET	<i>Viola</i> <i>hastàta</i>	Dwarf tufted Violet with halberd-shaped leaves. Showy when in bloom. Plant in shady part of rock-garden. Prop. by division. Southern States.	4-10 in. <i>Half shade</i>	May



WILD TULIP. *Tulipa sylvestris*.



REFLEXED TULIP. *Tulipa retroflexa*.



WILD OATS. *Ueularia perfoliata*.

SWEET WHITE VIOLET. *Viola blanda*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rich yellow" 5	MOUNTAIN VIOLET	* <i>Viola lutea</i>	Dense growing Violet of neat habit, a profuse bloomer. Lower petals finely striped with black. Plant in margin of border or half shady spot in rock-garden. Prop. by division. Europe.	2-6 in. Half shade	Early to late May
"Yellow" effect 2 light	HAIRY YELLOW VIOLET	<i>Viola pubescens</i>	See page 35.		Late Apr. to late May
"Yellow" 4	YELLOW OR BARREN STRAWBERRY	<i>Waldsteinia fragarioides</i> <i>Dalibarda fragarioides</i>	Strawberry-like plant of tufted habit. Several flowers on the stem. Glossy leaves. Good for covering dry banks or sunny position in rock-garden. East of the Mississippi.	4 in. Sun	May, June
"Yellow" 4	EARLY OR GOLDEN MEADOW PARSNIP	<i>Zizia aurea</i>	See page 36.		Late Apr. to late May
"Orange yellow" 5	GOLDEN BLOOMERIA	<i>Bloomeria aurea</i> <i>Nothoscordum aureum</i>	See page 36.		Apr., May
"Orange" 26 more orange	DWARF CHILOE WATER FLOWER	* <i>Gœum Chiloense</i> var. <i>miniatum</i> <i>G. miniatum</i>	Vigorous species. Color paler than <i>G. Chiloense</i> . Wide-open five-petaled flowers on stems which rise above the foliage. A group forms a brilliant and pretty effect in rock-garden or border. Prop. by seed and division. Easily cultivated. Moist soil preferable. Hort.	2-3 ft. Sun	May, June
"Purplish orange" near 3 & 41	WATER AVENS OR WATER FLOWER	* <i>Gœum rivale</i>	Few drooping flowers on unbranching stems. Leaves mostly at the base. Shady spot in rock-garden or border. Prop. by seed and division. Moist soil. N. Amer.	1-2 ft. Half shade	Late May, June
"Orange"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See page 59.		Late Apr., May
"Orange" 7 brighter	HOARY PUCCOON, RED ROOT, INDIAN PAINT	<i>Lithospermum canescens</i>	Erect stalks dividing near the summit into 2 elongated leafy arching clusters of tubular flowers. Rock-garden or border. Prop. by seed, division and cuttings. Well-drained soil, sandy or loamy. N. Amer.	9-15 in. Sun or half shade	Late May
"Deep orange" bet. 12 & 17	ORANGE ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>aurantiacum</i>	See page 36.		Late Apr. to July, late Aug. to Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep orange" bet. 12 & 17	SMALL ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>miniatum</i>	See page 36.		Late Apr. to July, mid. Aug. to Oct.
"Pale scarlet orange" 9	HAIRY-STEMMED POPPY	* <i>Papaver pilosum</i>	Covered with soft hairs. Flowers pale scarlet or intense orange, with white basal mark. Leaves pale green. Pleasing in elevated parts or rock-garden. Prop. by seed and division. Sandy loam. Greece.	12-18 in. Sun	Late May, June
"Red orange" 11	ATLANTIC POPPY	* <i>Papaver rupifragum</i> var. <i>Atlanticum</i> <i>P. Atlanticum</i>	Flowers about 3 in. across. Foliage silvery and hairy. Border. Prop. by seed and division. Sandy loam. Morocco.	12-15 in. Sun	Late May to Aug.
"Scarlet" 19 & 4	WILD COLUMBINE	* <i>Aquilegia Canadensis</i>	See page 36.		Late Apr. to mid. June
"Orange red" 2 & 17	HYBRID CALIFORNIAN COLUMBINE	** <i>Aquilegia formosa</i> var. <i>hybrida</i> <i>A. Californica</i> var. <i>hybrida</i>	Showy drooping flowers, scarlet and yellow, spurs long and slender. Foliage gray-green. A good border plant for sheltered spot. Prop. by seed sown as early as possible. Deep sandy loam. Hort.	1-1 1/4 ft. Sun	Mid. May to July
"Orange red" 19 & 5	MEXICAN COLUMBINE	* <i>Aquilegia Skinneri</i>	A large well-shaped plant with many-flowered stem. Sepals green; petals greenish orange; spurs bright red; stamens protruding beyond the petal. Good border plant. Light soil. Mexico.	1-2 ft. Sun	Late May, June
"Orange scarlet" 17	CALIFORNIAN COLUMBINE	* <i>Aquilegia truncata</i> <i>A. Californica</i> , <i>A. eximia</i>	See page 36.		Apr. to early June
"Scarlet" 18	DWARF RED OR NORTHERN SCARLET LARKSPUR	* <i>Delphinium nudicaule</i>	Pretty plant. Loose spikes of flowers ranging from light scarlet to crimson. Good for cutting. Protect in winter. Plant in the border. Prop. by seed. Rich sandy soil of good depth. N. Cal.	1-1 1/2 ft. Sun	Late May, June
"Red" 26	COMMON BARRENWORT, BISHOP'S HAT	* <i>Epimedium alpinum</i>	Not easy to obtain. Dainty plant with fanciful flowers. Outer sepals grayish, inner crimson, petals yellow. Foliage often evergreen. New leaves reddish tinted. Plant in rock-garden or edge of shady shrubbery. Prop. by division. Any garden soil, preferably peaty. Europe.	9 in. Half shade	Mid. May to early June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Red" 26 darker	RED BAR-RENWORT	* <i>Epimedium rubrum</i> <i>E. alpinum</i> var. <i>rubrum</i>	Very similar in habit to <i>E. alpinum</i> . Red flowers with grayish outer petals. Foliage somewhat bronze-colored, good for cutting. Lasts all winter. Plant in rock-garden or on edge of shrubbery beds. Prop. by division. Any ordinary garden soil. Japan.	8-12 in. Half shade	May
"Crimson" 41 deeper	BLOOD-RED CRANES-BILL	** <i>Geranium sanguineum</i>	Good species. Large flowers "almost crimson," borne on branching stems. Pretty foliage. Good for wild garden, rock-garden or border. Prop. by seed and division. Any good soil. W. Asia; Europe.	1½-2 ft. Sun or half shade	Late May to mid. July
"Purple-red" 33 or 26 dull	APACHE PLUME, LONG-PLUMED PURPLE AVENS	* <i>Gæum triflorum</i> <i>G. ciliatum</i>	Low plant soft and hairy. Flowers followed by feathery red seed pods. Rock-garden or border. Prop. by seed and division. Light moist soil preferable. N. Amer.	6-18 in. Half shade	May, June
"Red"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See page 59.		Late Apr., May
"Purple red" often 31 brilliant	RED OR MORNING CAMPION	<i>Lýchnis didica</i> <i>L. diurna</i>	Showy plant of somewhat rank habit. Flowers in loose clusters opening in the morning, borne on leafy stems. Color varies to pink and white. No fragrance. Blooms at intervals all summer. A good border plant. Prop. by seed and division. Any garden soil. Europe; Asia. Var. <i>flore-pleno</i> , a double form.	1-2 ft. Sun	Mid. May to late June
"Bright crimson"	ANOMALOUS PEONY	* <i>Pædonia anomala</i> & vars. <i>P. Fischeri</i> , <i>P. intermedia</i>	Herbaceous Peony. Single species with brilliant blossoms of unusual size. Foliage finely divided. A half shady position is desirable for all herbaceous Peonies. Effective in the border but especially striking at a distance when edging beds of shrubs, walks, etc. Prop. by division usually in early autumn. Deep rather moist loam enriched with cow-manure. Europe; Asia. Var. <i>insignis</i> . The most popular variety, 1½-2 ft. high. Var. <i>intermedia</i> . A variety with richer color than the type. 1½-2 ft. high. Foliage more deeply cut. Europe.	1½-3 ft. Sun or half shade	May
"Dark red"	RAM'S HORN PEONY	* <i>Pædonia arietina</i> <i>P. Crética</i>	An effective herbaceous Peony with big solitary richly colored flowers and a bluish tinge to the foliage. Good for cutting. For location and cultivation see <i>P. anomala</i> . Many hort. vars. in different colors. S. Europe.	2-3 ft. Sun or half shade	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pinkish red"	<b>SMALL-FRUITED PEONY</b>	* <i>Pæðnia microcarpa</i>	Herbaceous Peony. Very large single flowers of delicate color, rather low-growing. Half shade is desirable. Good in masses for distant effects, or for the border. Prop. usually by division in early autumn. Deep rather moist loam enriched with cow-manure. Spain.	1-1½ ft. <i>Sun or half shade</i>	Late May
"Crimson" 33 redder, etc.	<b>COMMON GARDEN PEONY</b>	** <i>Pæðnia officinalis</i> & vars. <i>P. fulgida</i>	Herbaceous Peony. Common in old gardens. Large flowers and handsome divided foliage. Hardy and effective in the border or in masses with other Peonies. Half shade is desirable. The parent of many hort. vars., see page 159. Usually prop. by division in early autumn. Being gross feeders, they like a deep rather moist loam enriched with cow-manure. Europe. The following are good varieties: **Var. <i>anemonæflora</i> ; (color no. 27), globular flowers with a quantity of crimson, twisted, yellow-edged stamens. **Var. <i>rosea-plena</i> ; rich crimson double flowers. Var. <i>rubra-plena</i> , double crimson flowers. Hort.	2-3 ft. <i>Sun or half shade</i>	Mid. May to mid. June
"Deep crimson" bet. 27 & 28	<b>PARADOXICAL PEONY</b>	* <i>Pæðnia paradoxia</i>	Herbaceous Peony. Very compact and dwarf, with single flowers and somewhat glaucous foliage. Prop. usually by early autumn division. Deep moist loam enriched with cow-manure. S. Europe. Var. <i>fimbriata</i> , brilliant double flowers very handsome, but little known in U. S. A. Hort.	1-1½ ft. <i>Sun or half shade</i>	Late May
"Crimson" 40 deeper	<b>STRAGGLING PEONY</b>	* <i>Pæðnia peregrina</i>	Herbaceous Peony. Effective species resembling <i>P. officinalis</i> , crimson in the type, and having many hort. vars., see page 159. For cultivation see <i>P. officinalis</i> .	1½-2 ft. <i>Sun or half shade</i>	May
"Deep red" 20 richer	<b>FINE-LEAVED PEONY</b>	* <i>Pæðnia tenuifolia</i>	Densely leaved herbaceous Peony. Large single flowers and fine feathery foliage. Good border plant. Half shade is desirable. Prop. generally by division in early autumn. Deep rather moist loam enriched with cow-manure. Caucasus. **Var. <i>flore-pleno</i> , a double-flowered variety.	1-1½ ft. <i>Sun or half shade</i>	Mid. May to mid. June
"Blood red" 17 redder	<b>BRACTEATE POPPY</b>	* <i>Papàver bracteatum</i> <i>P. orientale</i> var. <i>bracteatum</i>	One of the largest and most gorgeous of Poppies. Flowers 6-9 in. across, marked inside with purple-black spot, on erect stems. Handsome foliage in clump at base of plant. Effective in the border and against the green of shrubs. Prop. by seed, or division after flowering. Any soil. Caucasus, Persia.	3-4 ft. <i>Sun</i>	Late May to mid. June

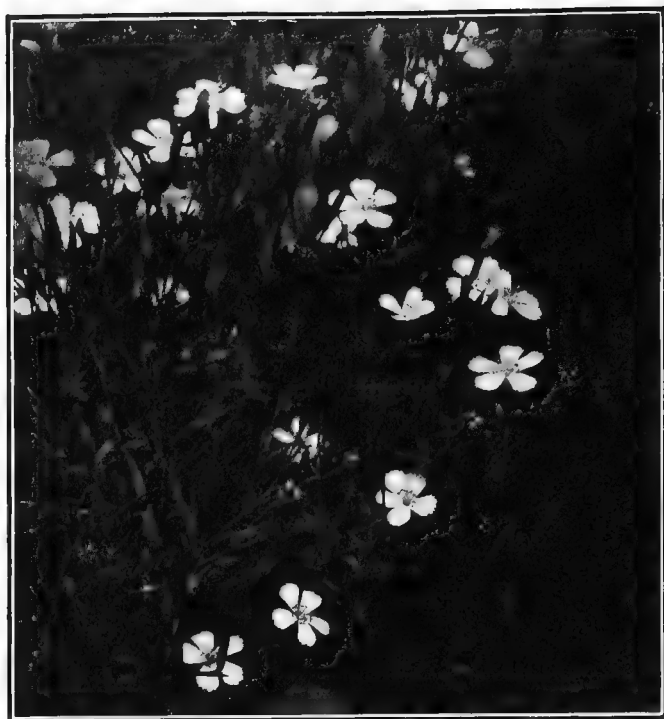


Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Light red" 16	<b>RUPIFRAGE POPPY</b>	* <i>Papaver rupifragum</i>	Dwarf species of neat habit. Foliage grayish-green. Border. Prop. by seed and division. Sandy loam. Spain.	8-12 in. <i>Sun</i>	May to Aug.
"Crimson"	<b>CLEVELAND'S PENTSTEMON</b>	* <i>Pentstemon Clevelandi</i>	Tall narrow spikes of flowers. Foliage somewhat gray-green. Protect in winter. Prop. by seed and division. Any good garden soil, not too dry. S. Cal.	10-18 in. <i>Sun</i>	Late May to mid. June
"Bright red"	<b>RED SPIDER-WORT</b>	<i>Tradescantia Virginiana</i> var. <i>coccinea</i>	Bushy plant of free growth. Umbels of flowers borne in profusion. Long grass-like foliage. Border or rock-garden. Prop. by division in spring. Ordinary garden soil. S. Western U. S. A.	1-3 ft. <i>Sun or half shade</i>	Late May to late Aug.
"Brownish red" 28 neutral & lighter	<b>ILL-SCENTED WAKE-ROBIN</b>	* <i>Trillium erectum</i> <i>T. pendulum</i> , <i>T. purpureum</i> <i>T. jätidum</i>	See page 36.		Late Apr. to early June
"Red"	<b>TULIP</b>	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See page 64.		Late Apr. to late May
"Red"	<b>TULIP</b>	** <i>Tulipa</i> vars.	Double Early Bedding Tulips. See page 64.		"
"Deep scarlet"	<b>KEELED TULIP</b>	** <i>Tulipa carinata</i>	Large open flowers with petals shading into bright yellow spot at base. Leaves slightly wavy. Plant in late Sept. or Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. Best to protect in winter and to give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is poor put sand around the bulb. Habitat unknown.	12-15 in. <i>Sun</i>	May
"Bright crimson"	<b>DIDIER'S TULIP</b>	* <i>Tulipa Didieri</i>	Large flowers 4½ in. across. Petals with deep purple spots at the base. Pointed wavy leaves. For location and cultivation see <i>T. carinata</i> . Alpine Region. See Plate, page 119.	1-1½ ft. <i>Sun</i>	"
"Bright red"	<b>ELEGANT-FLOWERED TULIP</b>	* <i>Tulipa elegans</i>	Graceful species with a yellow eye. Flowers about 3 in. long, with pointed slightly reflexed petals. For cultivation see <i>T. carinata</i> . Hort.	1-1½ ft. <i>Sun</i>	"
"Scarlet" 20	<b>BRILLIANT TULIP</b>	* <i>Tulipa fulgens</i>	Said to be a garden form of <i>T. Gesneriana</i> . Brilliant flowers on tall stems. Leaves very wavy. For cultivation see <i>T. carinata</i> . Hort.	9-18 in. <i>Sun</i>	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Bright red" bet. 20 & 26	COMMON GARDEN OR LATE TULIP	** <i>Tùlipa Gesneriàna</i>	One of the most gorgeous and effective of all the Tulips. Erect stem bears a large goblet-shaped scentless flower about 2 in. long, usually having a yellow or dark blotch at the base. Leaves often wavy. Beautiful in groups or masses or for edging shrubbery. There are vars. in different colors. Plant in late Sept. or Oct. 4 in. deep and 4 apart. Protect in winter and give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is not good put sand around bulb. Origin unknown.	6-24 in. <i>Sun</i>	Mid. May to early June
"Red" 19	GREIG'S TULIP	** <i>Tùlipa Greigi</i>	See page 39.	3-8 in. <i>Sun</i>	Late Apr. to mid. May
"Scarlet"	SUN'S-EYE TULIP	* <i>Tùlipa Oculus-sòlis</i>	Flowers about 4½ in. wide, with shining black spots edged with yellow clearly defined at the base of the petals. Plant in late Sept. or Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. It is best to protect in winter and to give an occasional top-dressing. Prop. by offsets. Light soil. If drainage is not good put sand around the bulb. S. Europe.	12-18 in. <i>Sun</i>	May
"Scarlet" 18 tinged with yellow	OSTROSK'S TULIP	* <i>Tùlipa Ostrowskiàna</i>	Allied to <i>T. Oculus-solis</i> . Scentless flowers spotted with black at the base, and sometimes edged at the top with yellow. For cultivation see <i>T. Oculus-solis</i> . Turkestan.	1 ft. <i>Sun</i>	Late May
"Scarlet" 18 marked with 3	EARLY TULIP	* <i>Tùlipa præcox</i>	Very similar to <i>T. Oculus-solis</i> , but more vigorous and earlier blooming. See <i>T. Oculus-solis</i> . Europe.	12-18 in. <i>Sun</i>	May
"Rose pink" 29 dull	ARETHUSA, INDIAN PINK	<i>Arethùsa bulbòsa</i>	An orchid. Each plant bears one bright flower and one long and narrow leaf on an erect stem. Give northern exposure in rock or bog-garden. Prop. by pseudo-bulbs. Moist fibrous soil. Marshes U. S. A.	9 in. <i>Shade</i>	May, June
"Pink" 27 lighter	CUSHION PINK, SEASIDE THRIFT, SEA TURF, CLIFF ROSE	** <i>Armèria marítima</i> <i>A. vulgàris</i>	Flowers in dense heads spring from tufts of evergreen foliage. Grows freely and blooms profusely. A trim plant excellent for rock-garden or edging. Prop. by seed and division. Europe; N. Amer.	3-6 in. <i>Sun</i>	Mid. May to mid. June
"Intense pink" 27 lighter	LAUCHE'S THRIFT OR SEA PINK	** <i>Armèria marítima</i> var. <i>Laucheàna</i> <i>A. L.</i>	See page 39.		Late Apr. to mid. June



DIDIER'S TULIP. *Tulipa Didieri*.



MAIDEN PINK. *Dianthus deltoides*.



GARLAND FLOWER. *Daphne Cneorum*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 31 deeper & redder	LEICHT- LIN'S ROCK CRESS	*Aubriëtia deltoidea var. Leichtlini	See page 39.		Late Apr., May
"Pink" 29 & white	ENGLISH DAISY	*Bellis perennis	See page 39.		Mid. Apr. to mid. June
"Pink" 22	CALYPSO	Calypso borealis <i>C. bulbosa</i>	Pretty and rare Orchid, resembling the Lady's Slipper. Flowers solitary; large pink lip with brown spots and yellow crest within. One leaf on each plant. Suitable for bog garden but difficult of culture. Prop. by offsets. Light moist fibrous soil. Prop. by offsets. N. Amer.	3-6 in. <i>Half shade</i>	May, June
"Rose" 40 duller	ROSY MOUNTAIN BLUET	**Centaurëa montana var. rosea	Flowers resemble the Bachelor's Button. This var. is like the type. A pleasing border plant. Prop. by division. Ordinary garden soil. Hort.	12-20 in. <i>Sun</i>	Late May to early July
"Rose" 36 & 23	CAROLINA SPRING BEAUTY	Claytonia Caroliniana	See page 39.		Late Apr., May
"Light pink" 36	SPRING BEAUTY	Claytonia Virginica	See page 39.		Apr., May
"Pink" 29	SOLID- ROOTED FUMEWORT	Corýdalis bulbosa <i>C. solida</i> , <i>Fumaria solida</i>	Flowers borne in compact clusters rise from a mass of pretty gray-green foliage. Rock or wild garden. Prop. by seed or division. Any soil, not too dry. Europe; Asia.	6 in. <i>Sun or half shade</i>	May
"Pur- plish pink" 29	STEMLESS LADY'S SLIPPER	*Cypripedium acaule	Handsome solitary orchid-like flowers with pink sac and brownish sepals. Leaves like the Lily-of-the-valley. Protect in winter. Plant in shady rock-garden. Prop. by division. Moist porous peaty soil. Northern N. Amer.	8-12 in. <i>Shade</i>	Early May, June
"Deep pink" 29	GARLAND FLOWER	**Dáphne Cneorum	See page 39 and Plate, page 120.		Late Apr., May
"Delicate pink" 27 light	CHEDDAR PINK	*Diánthus cæsius	Charming dwarf tufted species with pale fragrant flowers. Neat plant for rock-garden and border; prefers an elevated position. Prop. by seed and division. Rich well-drained soil. Europe.	8 in. <i>Sun</i>	Late May to early July
"Deep pink" 31	MAIDEN PINK	**Diánthus deltoides	A trim sturdy dwarf plant. Solitary crimson-centred flowers borne in abundance. Foliage forms a dense carpet. Very pretty for border or rock-garden. Prop. best by division. Rich soil. Japan; W. Europe. See Plate, page 120.	6-9 in. <i>Sun</i>	May, June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 36 or 37	SCOTCH, COMMON GRASS, GARDEN OR PHEASANT'S EYE PINK	** <i>Dianthus plumarius</i>	Often seen in old gardens. Fragrant flowers varying to white, purplish or parti-colored, with fringed or jagged petals. Small gray-green leaves form a dense tuft. Rock-garden or border. Prop. by seed and division. Rich soil. Siberia.	1 ft. Sun	Late May to late June
"Rose" 23	CALIFORNIA BLEEDING HEART	* <i>Dicentra formosa</i>	Heart-shaped flowers in drooping racemes hang above the pretty finely cut foliage. Protect slightly in winter. Attractive in old-fashioned gardens. Prop. by crown or root division. Good light soil. Cal.	1 ft. Half shade best	Late May, June
"Rose" 30	BLEEDING HEART	** <i>Dicentra spectabilis</i> <i>Dielytra s.</i>	See page 40 and Plate, page 123.		Late Apr. to mid. July
"Rose" 29	JEFFREY'S SHOOTING STAR, AMERICAN COWSLIP	* <i>Dodecatheon Jeffreyi</i>	Flowers in large umbels. Very large leaves springing from the root, and rising to the flowers. The foliage dies when the plant blossoms. Plant in sheltered places. Prop. slowly by seed, also by crown division. Moist well-drained soil. Western Coast of N. Amer.	1 1/2 ft. Half shade or shade	May, June
"Pink- ish" 36 or 29	MAY- FLOWER, TRAILING ARBUTUS, GROUND LAUREL	* <i>Epigaea repens</i>	See page 40.		Apr., early May
"Rose" 38	ENDRES'S CRANES- BILL	<i>Geranium Endressi</i>	Plentiful fringed blossoms with dark veining. Pretty foliage. Attractive in rough situations in the rock-garden. Prop. by seed and division. Any good soil. Pyrenees.	1-1 1/2 ft. Half shade	Late May to late June
"Pink"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See page 59.		Late Apr., May
"Pink" 29, spots 34	REDDISH LILY	* <i>Lilium rubellum</i>	Showy clusters of funnel-form flowers about 3 in. across. Bright green foliage. Bulbous. Prop. by offsets or scales and very slowly by seed. Light well-drained rich soil. Avoid direct contact with manure. Japan.	3-4 ft. Half shade	Late May, early June
"Pink" 29 pale	RED ALPINE CAMPION	* <i>Lýchnis alpina</i> <i>Viscaria a.</i>	See page 59.		Late Apr., May
"Light pink" 29 pale	DOUBLE CUCKOO FLOWER OR RAGGED ROBIN	* <i>Lýchnis Flös-cuculi</i> var. <i>plenissima</i> <i>L. plenissima</i> <i>semperflorens</i>	Pretty species, much grown in old-fashioned gardens. Double flowers in lax clusters, abundant and continuous in bloom, rise from a tuft of leaves. Prop. by seed, division and cuttings. Any soil. Hort.	1-2 ft. Sun	Late May to late June



BLEEDING HEART, *Dicentra spectabilis*.



ROSE-COLORED SPANISH SQUILL. *Scilla Hispanica* var. *rosea*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rosy red" 31	GERMAN CATCHFLY	* <i>Lýchnis Viscària</i>	Tufted plant with a profusion of showy flowers in panicles. Grass-like leaves. Much used in old-fashioned gardens and borders. Prop. by seed, division or cuttings. Any soil. Europe; Siberia. Var. <i>elegans</i> ; scarlet with stripes of white. Var. <i>flore-pleno</i> ; (color no. 31), double, a good variety.	6-20 in. Sun	Mid. May to late June
"Rose" 29	LARGE ROSEY TREE PEONY	* <i>Pædônia Moután</i> var. <i>rosea supérba</i> <i>P. M.</i> " <i>Reine Elizabeth</i> ," " <i>Triomphe de Grand</i> "	Beautiful shrub with large double flowers. Harder to grow than herbaceous Peony, needing protected spot and winter covering. Effective in isolated clumps, in the border or on edge of shrubbery. Prop. by grafting on roots of herbaceous species. It does not flower until the third year. Being a gross feeder, it likes a rich moist loam enriched with cow manure. Hort.	3-6 ft. Sun or half shade	Mid. May to mid. June
"Delicate rose" bet. 26 & 27	DOUBLE RED TREE PEONY	<i>Pædônia Moután</i> var. <i>rùbra-plèna</i>	Flowers somewhat double. See <i>P. Moutan</i> var. <i>rosea superba</i> . Hort.	3-6 ft. Sun or half shade	"
"Deep pink"	THREE-PART LEAVED PEONY	* <i>Pædônia triternàta</i> <i>P. daurica</i>	Handsome herbaceous species with brilliant flowers and leaves of very regular shape. Effective in clumps on lawns and planted in masses in the garden. Usually prop. by autumn root-division. Deep moist loam, enriched with cow-manure. Siberia.	1½-2 ft. Sun or half shade	May
"Purple rose" 27 lighter & redder	CRAWLING PHLOX	* <i>Phlôx réptans</i> <i>P. stolonifera</i>	A creeping plant with many flower-bearing stems, forming pretty tufts in rock-garden or border. Prop. by seed, division or cuttings. Light rich soil. S. Eastern U. S. A.	4-8 in. Sun	May, June
"Magenta" bet. 44 & 38 dull	DARK PURPLE MOSS PINK	* <i>Phlôx subulàta</i> var. <i>atropurpùrea</i>	See page 40.		Late Apr., May
"Rose"	LEAFY MOSS PINK	* <i>Phlôx subulàta</i> var. <i>frondôsa</i>	See page 40.		"
"Purple rose" 40 duller	FLOWERING WINTER-GREEN, GAY WINGS, FRINGED MILKWORT OR POLYGALA	<i>Polygala paucifolia</i>	Dainty trailing plant with fringed flowers, varying to white, on erect stems. Leaves purple-tinged. Wild garden. Prop. by seed and division. Moist peaty soil with sphagnum. N. Amer.	3-6 in. Half shade	May, June
"Deep rose" 26	NEPAL CINQUE-FOIL	* <i>Potentilla Nepalensis</i> <i>P. formôsa</i> , <i>P. coccinea</i>	Good species. Somewhat furry cup-shaped flowers. Foliage compound. Border. Prop. by seed or division. Light rich soil. Himalayas.	1½-2 ft. Sun	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of bloom
"Rose" 26	CORTUSA- LEAVED PRIMROSE	* <i>Prímula</i> <i>cortusoides</i>	Many flowers nearly 1 in. across in loose clusters terminate leafless stalks. Broad soft foliage in a rosette close to the ground. Charming in sheltered and slightly elevated position in rock-garden or border. Prop. by fresh seed, division or cuttings. Light rich soil. Siberia.	6-10 in. <i>Half shade</i>	May to early June
"Flesh color" 22	MISTASSINI OR DWARF CANADIAN PRIMROSE	* <i>Prímula</i> <i>Mistassínica</i> <i>P. jarinòsa</i> var. <i>Mistassínica</i> , <i>P. pusilla</i>	Beautiful little plant bearing few flowers and small leaves. Moist position in the rock-garden. N. Amer.	3-6 in. <i>Half shade</i>	May, June
"Car- mine pink" 30 bluer	ROSY HIMA- LAYAN PRIMROSE	* <i>Prímula</i> <i>ròsea</i>	Among the prettiest and best of alpine Primroses. Flowers with yellow eye, nearly 1 in. across, in drooping clusters. Smooth pale green leaves in tufts. Protect in winter. Rock-garden or border. Moist rich loam of good depth. Kashmir.	4-8 in. <i>Shade</i>	May
"Pink" 38 paler & more violet	ROCK SOAPWORT	* <i>Saponària</i> <i>ocymoides</i>	Trailing plant covered with flowers. Attractive in dry parts of rock-garden where it droops prettily over the rocks. Also used in the border. Prop. by seed or division. Any good soil. Central and S. Europe.	6-9 in. <i>Sun</i>	Late May to Aug.
"Pink" bet. 29 & 32	THICK- LEAVED SAXIFRAGE	* <i>Saxífraga</i> <i>crassifòlia</i>	See page 40.		Late Apr. to late May
"Pur- plish pink" often 46	NODDING WOOD HYACINTH	* <i>Scílla</i> <i>festàlis</i> var. <i>cérnua</i> <i>S. nùtans</i> var. <i>cérnua</i>	Fragrant nodding bell-shaped pinkish or bluish flowers in panicles on leafless stalks. Grass-like foliage in clumps. Pretty in rock-garden, border and edge of shrubbery, or naturalized in woods. Bulbous. Soil enriched with manure. Portugal.	8-12 in. <i>Half shade</i>	May, early June
"Pink" 36	PINK WOOD HYACINTH	<i>Scílla</i> <i>festàlis</i> var. <i>ròsea</i> <i>S. nùtans</i> var. <i>ròsea</i>	Differing from <i>S. festalis</i> var. <i>cérnua</i> in its more rose-colored flowers. W. Europe.	8-12 in. <i>Half shade</i>	May to early June
"Flesh color" 22 dull	FLESH- COLORED SPANISH SQUILL	** <i>Scílla</i> <i>Hispànica</i> var. <i>cárnea</i> <i>S. campanulàta</i> var. <i>cárnea</i> , <i>S. pátula</i> var. <i>cárnea</i>	See <i>S. Hispanica</i> var. <i>rosea</i> . Spain; Portugal.		Late May, June
"Rose" 36	ROSE- COLORED SPANISH SQUILL	** <i>Scílla</i> <i>Hispànica</i> var. <i>ròsea</i> <i>S. campanulàta</i> , <i>S. pátula</i>	Most robust of the <i>Scilla</i> family. Strong pyramidal spikes of pendent bell-shaped flowers. Leaves narrow. Desirable in wild garden, rock-garden or edge of shrubbery. Bulbous. Enrich occasionally with top-dressing of manure. Spain; Portugal. See Plate, page 124.	1-1½ ft. <i>Sun or shade</i>	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Bright pink" 29	WILD PINK	* <i>Silene Pennsylvanica</i>	See page 40.		Late Apr., May
"Pale flesh color" white turns 36	TINY TRILLIUM	<i>Trillium pusillum</i>	See page 40.		Late Apr. to late May
"Pink"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips, see page 64.		"
"Pink"	TULIP	** <i>Tulipa</i> vars.	Double Early Bedding Tulips, see page 64.		"
"Rosy" bet. 36 & 37	DOUBLE PINK PERIWINKLE OR MYRTLE	<i>Vinca minor</i> var. <i>rosea plena</i>	See page 43.		Late Apr. to June
"Lilac" 26 purpler	LARGE-FLOWERED LEBANON CANDYTUFT	* <i>Æthionema grandiflorum</i>	Beautiful shrubby alpine plant of spreading habit, covered with rosy and lilac racemes of flowers. Good for cutting. Foliage light dull green. Well adapted for the rock-garden. Prop. by seed and cuttings. A light dry soil is necessary. Persia.	1½ ft. Sun	May to Aug.
"Purple" 47	BROAD-STEMMED ONIONWORT	<i>Állium platycabule</i> <i>A. anceps</i>	Flowers in umbels. Flourishes in sunny position in rock-garden. Bulbous. Prop. by offsets and seed. Light rich soil. Cal.	3-6 in. Sun	May, June
"Pale purple" white to 44 bluer	CAROLINA WIND-FLOWER	<i>Anemone Caroliniæna</i> <i>A. decapétala</i>	See page 43.		Apr., May
"Lilac" 50	AMERICAN PASQUE FLOWER, WILD PATENS	* <i>Anemone patens</i> var. <i>Nuttalliana</i> <i>Pulsatilla hirsutissima</i> (Brit.)	See page 43.		"
"Purple" 44 or 37	PASQUE FLOWER	* <i>Anemone Pulsatilla</i> <i>A. acutipétala</i> <i>Pulsatilla vulgaris</i>	See page 43.		Early Apr. to late May
"Purple" 56 or 49	SHARP-SEPALED COLUMBINE	* <i>Aquilegia oxysépala</i>	Large showy flowers tinged with yellow and white. One of the earliest Aquilegias to bloom. Prop. by seed. Loose well-drained soil, moist and sandy. N. Asia.	2½ ft. Sun	May, June
"Purple" 56 or 49	EUROPEAN COLUMBINE	* <i>Aquilegia vulgaris</i> <i>A. stellata</i> , <i>A. atrata</i>	Stems many-flowered. Petals ¾ in. long, spur stout and much incurved. Useful for wild garden or border. Prop. by seed. Light sandy soil, moist but well-drained. Numerous double and single vars. in odd colors not all of which are pleasing. Europe; N. Asia. Var. <i>Vervæneana</i> (var. <i>foliis-aureis</i> ,	1½-2 ft. Sun	Mid. May to July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pinkish lavender" 37	ALPINE THRIFT	* <i>Armèria alpina</i>	var. <i>atroviolacea</i> ), foliage marked with yellow. Hort. Var. <i>Olympica</i> ( <i>A. Wittmaniana</i> ), has large short-spurred flowers, pale lilac, or mauve and white. Mt. Olympus. See page 43.		Late Apr. to mid. June
"Lavender" near 37	PLANTAIN-LIKE THRIFT	* <i>Armèria plantaginèa</i>	Flowers in round compact heads spring from cushions of evergreen foliage. Free-growing and excellent for rock-garden and edging. Prop. by seed and division. Central and S. Europe.	10-12 in. Sun	Mid. May to late June
"Greenish purple"	ASARABACCA, HAZEL-WORT	<i>Asarum Europæum</i>	Hairy dwarf plant. Flowers lie on the ground under dark evergreen leaves resembling those of a Cyclamen. Useful for covering ground in shady places. A moist rich soil is necessary. Europe.	6-9 in. Shade	May, June
"Violet" 46	BLUE ALPINE ASTER	** <i>Aster alpinus</i>	Large solitary single flowers with yellow centres, varying to pink and white. Leaves in clusters on the ground. Delightful for rock-garden and margin of border. Prop. by seed though generally by division. Easily cultivated in ordinary soil. Europe. See Plate, page 129. Var. <i>superbus</i> , a showy free-flowering form with large flowers. Hort.	3-10 in. Sun or half shade	Late May to late June
"Dark violet" 48 or 47	PURPLE ROCK CRESS	** <i>Aubriètia deltoidea</i>	See page 43.		Early Apr. to late May
"Dark violet" 48 lighter	EYRE'S PURPLE ROCK CRESS	<i>Aubriètia deltoidea</i> var. <i>Eyrèi</i>	See page 43.		Late Apr., May
"Dark violet" 46 & white	GRECIAN PURPLE ROCK CRESS	* <i>Aubriètia deltoidea</i> var. <i>Græca</i>	See page 43.		Mid. Apr. to late May
"Dark violet" 56	OLYMPIC PURPLE ROCK CRESS	* <i>Aubriètia deltoidea</i> var. <i>Olympica</i>	See page 44.		"
"Purple" 47 light	DEEP PURPLE ROCK CRESS	* <i>Aubriètia deltoidea</i> var. <i>purpurea</i>	See page 44.		Mid. Apr. to late May
"Pale blue violet" 44 deep	GARGANO HAIRBELL	* <i>Campánula Gargànica</i>	Trailing tufted plant. Numerous flowers shading to white in the centre, in loose racemes on pendent stems. Pretty when hanging over rocky ledges. Prop. by cuttings in spring or by division. Rich well-drained loam. Italy.	3-6 in. Sun	May to Sept.



BLUE ALPINE ASTER. *Aster alpinus*.



COMMON SHOOTING STAR, *Dodecatheon Meadia*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 48	WALL HAIRBELL	<i>Campánula Portenschlagiana</i> <i>C. muralis</i>	Plant generally erect. Bell-shaped flowers. Suitable for rock-garden. Prop. by seed, division or cuttings. Rich well-drained loam. Dalmatia.	6-8 in. <i>Sun</i>	May, June
"Rosy purple" 39	BEAR'S EAR SANICLE	<i>Cortúsa Matthioli</i>	See page 44.		Apr., May
"Purple" effect 43	RAM'S HEAD LADY'S SLIPPER	* <i>Cypripedium arietinum</i>	Solitary white flowers, veined with purple, on leafy stems. Winter protection necessary. Rock or wild garden plant. Prop. by division. Porous moist peaty soil. Northern N. Amer.	8-12 in. <i>Shade</i>	Late May to Aug.
"Rosy purple" 39	COMMON OR EASTERN SHOOTING STAR, AMERICAN COWSLIP	* <i>Dodecathëon Meadia</i>	Umbels of drooping flowers of varying colors, with recurved petals and protruding stamens. Flower-stems naked. Leaves in an erect tuft. Plant in clumps in the rock-garden. Prop. by seed just gathered, or preferably by division. Rich well-drained moist loam. Southern U. S. A. See Plate, page 130.	9-24 in. <i>Half shade or shade</i>	May, June
"Purple" 27 purpler	BLACK-BERRIED HEATH, OR CROW-BERRY	<i>Empetrum nigrum</i>	Low heath-like bush. Insignificant flowers succeeded by black edible berries. Evergreen foliage. Associate with Heaths, etc., in rock-garden. Prop. by cuttings. Preferably moist soil of sand or peat. Northern Hemisphere.	9-12 in. <i>Sun</i>	May
"Purple" 50	BLUE OR BITTER FLEABANE	<i>Erigeron ácris</i>	Aster-like flowers in clusters surmount branching stalks. Foliage rough. Mass in wild spots. Prop. by seed and division. Any ordinary soil. Europe; N. Asia; Western N. Amer.	1-1½ ft <i>Sun</i>	Mid. May to early June
"Purple" 43	THRIFT-LEAVED FLEABANE	* <i>Erigeron armeriaefolius</i>	Tufted plant. Large yellow-centred aster-like flowers borne in racemes. Mass in wild garden or margin of border. Prop. by seed or division. Any ordinary soil. N. Asia; Western U. S. A.	1-1½ ft. <i>Half shade</i>	Late May, June
"Bluish purple" 43 deep & bluer	ROBIN'S PLANTAIN, ROSE PETTY	<i>Erigeron bellidifolius</i> <i>E. pulchellus</i>	Downy tufted plant. Aster-like yellow-centred flowers. Clump in wild garden. Prop. by seed and division. Eastern N. Amer. See Plate, page 133.	1 ft. <i>Half shade</i>	Mid. May to July
"Purple" 32	ROUGH ERIGERON	* <i>Erigeron glabellus</i>	Aster-like flowers. Color varies to white. Plant in clumps in wild garden or border. Prop. by seed and division. Ordinary garden soil. Minn.; West.	6-15 in. <i>Half shade</i>	Late May, June
"Violet" 50 dull	BEACH ASTER	* <i>Erigeron glaucus</i>	Flowers resemble small single China Asters. Pale foliage in a tuft. A pretty plant for the border. Prop. by seed and division. Easily cultivated in any garden soil. Pacific Coast.	1 ft. <i>Half shade</i>	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Violet purple" 39 more violet	WALL ERINUS	* <i>Erinus alpinus</i>	Pretty alpine plant, with racemes of numerous flowers. Downy foliage. Plant on ledges of rock-garden. Prop. by seed and division. Thoroughly well-drained soil. Mts., W. Europe. There is a white var.	3-4 in. <i>Sun or half shade</i>	May, June
"Lilac" often bet. 43 & 45	COMMON DOGTOOTH VIOLET of Europe	** <i>Erythrônium Dens-Canis</i>	See page 44.		Late Apr., May
"Deep purple" 42 lighter	PURPLE FRITILLARY	* <i>Fritillaria atropurpurea</i>	See page 44.		Mid. Apr. to June
"Purple black" 56	TWO-FLOWERED FRITILLARY	* <i>Fritillaria biflora</i>	See page 44.		"
"Deep purple" 21 purpler	BLACK LILY	* <i>Fritillaria Camtschatcensis</i> <i>Lilium C.</i>	See page 44.		"
"Livid purple" 33	RUSSIAN FRITILLARY	* <i>Fritillaria Ruthénica</i>	See page 47.		Mid. Apr. to mid. May
"Lavender" 39	WILD GERANIUM, WILD OR SPOTTED CRANES-BILL	<i>Geranium maculatum</i>	Common wild species. Graceful plant with large flowers and pretty foliage. Wild garden. Prop. by seed and division. Any rather moist soil. See Plate, page 133. Var. <i>plenum</i> , double flowers of darker shade. N. Amer.	1-1 1/2 ft. <i>Half shade</i>	Early May to July
"Purplish" 44 deeper	SWAMP OR STUD PINK	<i>Helônias bullata</i>	See page 47.		Apr., May
"Purplish" 30 deeper to white	DOWNY HEUCHERA	<i>Heuchera pubescens</i> <i>H. rubijolia</i> , <i>H. pulverulenta</i>	Flowers, variegated with yellow, in panicles. Evergreen bronze-red foliage, covered with powdery down. Border or rock-garden. Prop. by seed and division. Ordinary soil. Mts. S. Eastern U. S. A.	1-3 ft. <i>Sun or half shade</i>	Late May, June
"Palest purple" 37 pale	LARGE HOUSTONIA	<i>Houstonia purpurea</i>	Tufted plant with small flowers, sometimes varying to white, on slender stems which rise from a clump of tiny leaves. Rock or wild garden. Prop. by spring division. Dry soil. Eastern N. Amer	4-12 in. <i>Sun or half shade</i>	May, early June
"Purple & lilac"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See page 59.		Late Apr., May
"Purple" often 50	APPENDAGED WATER-LEAF	<i>Hydrophyllum appendiculatum</i>	Biennial plant. Erect bell-shaped flowers in loose clusters. Much divided leaves. Border. Prop. by seed and division. Fairly moist soil. N. Amer.	12-15 in. <i>Shade</i>	Mid. May to early June





WILD GERANIUM. *Geranium maculatum*.



ROBIN'S PLANTAIN. *Erigeron bellidifolius*.



LARGER BLUE FLAG. *Iris versicolor*.



DWARF FLAG. *Iris pumila*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Delicate lilac" 43 or 36	<b>GIBRALTAR CANDYTUFT</b>	* <i>Iberis Gibraltárica</i>	More showy and with larger flowers than other species of <i>Iberis</i> , but rather delicate, needing protection in winter. Prop. by seed and cuttings. Plant in rock-garden and do not disturb. Light soil. Gibraltar.	12-15 in. Sun	May, June
"Pale lilac" 44	<b>CRESTED DWARF IRIS</b>	** <i>Iris cristata</i>	Tiny species. Delicate richly marked flowers borne close to the ground. Outer petals crested. Spreads rapidly. Plant in rock-garden or edge of border. Prop. by division. Light well-drained soil. Alleghany Mts.	4-9 in. Sun	Late May to July
"Purple & lavender"	<b>GERMAN IRIS, FLEUR-DE-LIS</b>	** <i>Iris Germánica</i> vars.	Large shapely fragrant flowers borne on stout stalks high above the broad sword-shaped leaves. Effective in isolated clumps, in masses, and along the edge of shrubbery. Prop. by division of rhizomes. To prevent crowding divide frequently. Any well-drained garden soil. * <i>Albert Victor</i> ; (color no. 46), standards soft blue, falls delicate lilac. * <i>Darius</i> ; (color no. 48 & 2), height 17 in., lilac flowers edged with white, beard rich orange. ** <i>Purple King</i> ; (color no. 55 warmer), purple. Hort. vars.	1½-3 ft. Sun	"
"Violet" 44 deep	<b>GREAT PURPLE FLAG, TURKEY FLAG</b>	** <i>Iris pallida</i> <i>I. Junonia</i> , <i>I. Asiatica</i> , <i>I. sicula</i>	Flower-stems, much higher than foliage, bear 8-12 large fragrant flowers, rarely white. Beautiful species in border or in large groups. Prop. by division. Grows luxuriantly in any garden soil, though a gross feeder. S. Europe.	2-4 ft. Sun or half shade	"
"Lilac" 50	<b>PLAITED FLAG</b>	** <i>Iris plicata</i> <i>I. aphylla</i> var. <i>plicata</i>	In habit resembles <i>I. pallida</i> . Flowers white veined and tinted with lilac at the edge of the petals. Inner petals much folded. Good border plant in masses or groups. Prop. by division. Origin unknown.	2-4 ft. Sun or half shade	"
"Blue violet" 49	<b>SLENDER BLUE FLAG</b>	* <i>Iris prismática</i> <i>I. Virginica</i> , <i>I. gracilis</i>	Tall slender habit. Stems bear 1 or 2 flowers, yellow near the centre and veined with purple. Inner petals erect. Narrow leaves, shorter than flower-stem. Prop. by division. Rather moist soil advisable. New Brunswick to N. C.	1-2 ft. Sun	Mid. May to July
"Deep violet" 49	<b>DWARF FLAG</b>	* <i>Iris pumila</i> <i>I. gracilis</i>	One of the best of dwarf Irises. Short-lived flowers over-large and close to the ground. Leaves sword-shaped. Spreads rapidly. Good for rock-garden or border. Prop. by division. Any garden soil. Europe. Var. <i>atroviolacea</i> ; (color no. 48 deep), velvety purple flowers. There are other vars. in different colors. See Plate, page 134.	4-8 in. Sun or half shade	May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep violet" 49	SIBERIAN FLAG	** <i>Iris Sibírica</i> <i>I. acúta</i>	Attractive species distinguished by its tall slender stalks. Many flower-stems bear clusters of small but showy flowers, veined with white and bright violet, which rise above the dense tuft of grass-like foliage. There are vars. in other colors. Border. Prop. by division. Rich soil. Europe; E. Siberia.	2-3 ft. <i>Sun</i>	Late May to mid. June
"Blue violet" 55	SLENDER DWARF IRIS	* <i>Iris vérna</i>	See page 47.		Late Apr., May
"Bright purple" 56 lighter	LARGER BLUE FLAG	* <i>Iris versícolor</i>	Native Iris. Flowers marked with white, yellow and purple. Leaves slightly grayish. Good for margin of ponds and also for dry positions. Prop. by division. Canada; Northern U. S. A. See Plates, page 134.	1-3 ft. <i>Sun or half shade</i>	Late May, June
"Purplish" 45	VARIEGATED NETTLE	<i>Làmium maculàtum</i> <i>L. purpúreum</i> (Hort.)	Straggling plant. Flowers in whorls on leafy stalks. Heart-shaped foliage blotched with white. Common in old gardens. Useful for covering barren places. Prop. by division. Preferably sandy open soil. Europe; Asia; N. Africa.	6-8 in. <i>Sun</i>	Mid. May to late July
"Bluish violet" 39	SPRING BITTER VETCH	** <i>Láthyrus vérnus</i> <i>Orobús vérnus</i>	See page 47.		Mid. Apr. to late May
"Lilac purple" 45	SLENDER BEARD-TONGUE	* <i>Pentstèmon grácilis</i>	Pretty species of slender growth. Tubular flowers sometimes whitish. Leaves springing from the root grow in pairs on the flower stalks. Prop. by seed and division. Good garden soil. Col. and North.	8-12 in. <i>Sun</i>	Late May to early July
"Rosy purple" 47	OVAL-LEAVED PENTSTEMON	<i>Pentstèmon ovátus</i> <i>P. Glaucus</i>	Vigorous plant of fine form. Small tubular flowers borne in great profusion above the bright foliage. Winter protection of leaves. Prop. by seed and division. Any good soil. Oregon; Western N. Amer.	2-3 ft. <i>Sun</i>	Late May to late June
"Pale violet" 47, edge white	DOWNY PENTSTEMON	* <i>Pentstèmon pubéscens</i>	Not a showy species. Tubular flowers, sometimes flesh color, droop in long loose clusters. Mass in rock-garden. Border. Prop. by seed and division. Good rich soil. N. Amer.	2 ft. <i>Sun</i>	Late May to mid. July
"Bluish lilac" 44 or 50	WILD SWEET WILLIAM	** <i>Phlóx divaricàta</i> <i>P. Canadénsis</i>	Fragrant flowers in loose clusters which form a mass of color. Foliage good. Lovely plant for border or rock-garden. Prop. by seed, division or cuttings. Rich moist soil. N. Amer.	10-18 in. <i>Sun</i>	May
"Pinkish purple" 27 lighter & purpler	TRAILING PHLOX	* <i>Phlóx procúmbens</i>	See page 47 and Plate, page 137.		Late Apr. to late May



HORNED VIOLET AND TRAILING PHLOX. *Viola cornuta* var. and *Phlox procumbens*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pale lilac" 50	LILAC MOSS PINK	* <i>Phl6x subulàta</i> var. <i>lilacina</i>	See page 47.		Late Apr., May
"Bluish purple" bet. 44 & 50	AMERICAN JACOB'S LADDER, CHARITY	** <i>Polem6-nium cæruleum</i>	Bushy bell-shaped flowers nearly 1 in. across, in compact terminal panicles. Profusion of compound leaves. Splendid border plant. Prop. by seed and division. Rich well-drained loamy soil is best. Vars. with white flowers and variegated foliage. N. Amer. See Plate, page 138.	1-3 ft. <i>Half shade</i>	Mid. May to July
"Purple" 43 light	EAR-LEAVED PRIMROSE	* <i>Prímula auriculàta</i> <i>P. longifolia</i>	Round head of flowers, each with a white eye. Pale green leaves in a rosette. Protect in winter. Sheltered position in rock-garden or border. Prop. generally by seed just gathered. Rich light soil. S. E. Europe.	4-6 in. <i>Half shade</i>	May, June
"Deep blue-purple" 46 deeper	ROUND-HEADED HIMALAYAN PRIMROSE	* <i>Prímula capitàta</i>	Among the prettiest of Primroses resembling <i>P. denticulata</i> . Flowers in dense round heads. Pale green leaves in a tuft. Plant in slightly elevated position in rock-garden or margin of border. Light rich soil. Himalayas.	6-9 in. <i>Half shade</i>	May, early June
"Pale purple" 43 to white	TOOTH-LEAVED PRIMROSE	* <i>Prímula denticulàta</i>	Flowers in dense clusters on stout erect stalks which rise high above the large rosettes of broad foliage. Pretty in rock-garden or border. Prop. by seed. A light rich loam is best. Himalayas. Var. <i>purpureum</i> , dark purple flowers.	6-12 in. <i>Half shade or shade</i>	"
"Dark purple" 44 deeper	KASHMIR TOOTH-LEAVED PRIMROSE	* <i>Prímula denticulàta</i> var. <i>Cachemiriana</i> <i>P. Cachemiriana</i>	Flowers with yellow centres in globe-shaped clusters. Foliage beautiful; pale green thickly dusted with mealy powder. Pretty in rock-garden or border. Prop. by seed. A moist loam is best. Western Himalayan Region.	8-12 in. <i>Half shade or shade</i>	"
"Lilac purple" 43 paler	BIRD'S EYE PRIMROSE	* <i>Prímula farin6sa</i>	Flowers with yellow eye, in dense umbels, on stems that rise from tufts of silvery leaves. Somewhat elevated situation in rock-garden or border. Prop. generally by seed. Moist fibrous soil is best. Central and N. Europe.	3-9 in. <i>Half shade</i>	"
"Purple" near 30 deeper to white	JAPANESE PRIMROSE	** <i>Prímula Jap6nica</i>	Fine and vigorous plant. Flowers 1 in. wide in whorls of twelve or more. Leaves oval, at base of plant. Excellent for border, rock-garden or wild garden. Prop. by seed. Soil moist and deep. Japan.	1-2 ft. <i>Half shade</i>	Late May to Aug.
"Violet purple" 52 duller & more violet	ROSETTE MULLEIN	* <i>Ram6ndia Pyren6ica</i> <i>Ram6ndia Pyren6ica</i>	Popular alpine plant. Flowers 1½ in. across, with orange centres. Leaves in rosettes on the ground. Protect in winter. Plant in chinks in the rock-garden. Prop. by seed and division. Deep peaty soil, well-drained. Pyrenees.	2-6 in. <i>Half shade</i>	Mid. May to July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Bluish violet" 44	TWO-COLORED SAGE	<i>Sálvia bicolor</i>	Hardy biennial. Large hooded flowers; upper lip blue, lower white, sometimes fading reddish brown. Prop. by seed. Mediterranean Region.	2-3 ft. <i>Sun</i>	Late May, June
"Lilac" 39	HEART-LEAVED SAXIFRAGE	* <i>Saxífraga cordifolia</i>	See page 47.		Late Apr. to late May
"Purple" 53 brighter	PURPLE OR MOUNTAIN SAXIFRAGE	<i>Saxífraga oppositifolia</i>	See page 48.		Late Apr., May
"Lilac" 43	LILAC WOOD HYACINTH	* <i>Scilla festalis</i> var. <i>lilacina</i>	Fragrant drooping bell-shaped flowers in panicles on leafless stalks. Grass-like foliage in clumps. Rock-garden, border and shrubbery. Pretty naturalized in woods. Bulbous. Soil enriched with manure. W. Europe.	8-12 in. <i>Half shade</i>	May, early June
"Rich purple"	LARGE-FLOWERED BLUE-EYED GRASS	<i>Sisyrinchium grandiflorum</i> <i>S. Douglasii</i>	Pretty flowers drooping and bell-shaped. Foliage grass-like. Border, rock or wild garden. Prop. by division. Any garden soil. Western U. S. A.	1 ft. <i>Sun</i>	May, June
"Violet" 50 deep	BLUE MOONWORT	<i>Soldanella alpina</i>	Alpine plant. Flowers 2-4 on the stem, nodding, fringed, pale blue or violet. Leaves heart-shaped. Suitable for rock-garden. Prop. by seed and division. Alps, Europe.	2-3 in. <i>Half shade or shade</i>	May
"Purple" 44, 48 or 49	COMMON SPIDER-WORT	* <i>Tradescantia Virginiana</i> <i>T. Virginica</i>	Erect bushy plant of free and vigorous habit. Umbels of showy flowers in different shades of blue violet. Leaves grass-like. Useful for border or rock-garden. Prop. by division in spring. Ordinary garden soil. Eastern U. S. A. See Plate, page 84. Var. <i>caerulea</i> ; (between color nos. 50 & 57), brighter blue flowers than the type.	1-3 ft. <i>Sun or half shade</i>	Late May to late Aug.
"Purple" 46	LONG-LEAF-STALKED TRILLIUM	<i>Trillium petiolatum</i>	Large flowers borne close to the ground. Pretty for the border or for naturalizing in moist soil. Prop. by seed. Moist rich soil. N. Western U. S. A.	6-8 in. <i>Half shade</i>	May to early June
"Pale violet" white, markings 53	SPRING STAR-FLOWER	<i>Triteleia uniflora</i> <i>Milla uniflora</i> , <i>Brodiaea uniflora</i>	Hardy but not enduring. Solitary starry flowers, almost white with purple markings, on slender stems. Grass-like foliage. Protect in winter. Associate with <i>Scilla</i> , etc., in warm position in border or rock-garden. Bulbous. Prop. by seed or offsets. Rich soil, well-drained. Argentine Republic.	6-8 in. <i>Sun</i>	May
"Violet"	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See page 64.		Late Apr. to late May



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 46	HERBACEOUS PERIWINKLE OR MYRTLE	<i>Vinca herbacea</i>	Trailing plant. Flowers more purple than <i>V. minor</i> with narrower petals. Leaves glossy and narrow but not evergreen like <i>V. minor</i> . Excellent for rockwork as it is not too bold. Prop. by division and cuttings. Moist loam is best. Eastern Europe.	Trailing Half shade or shade	Late May, June
"Violet" 49	COMMON PERIWINKLE, BLUE RUNNING OR TRAILING MYRTLE	* <i>Vinca minor</i>	See page 48.		Late Apr. to June
"Violet" 47 or 49	HORNED VIOLET, BEDDING PANSY	** <i>Viola cornuta</i>	See page 48.		Late Apr. until frost
"Violet" 48 or 47	SWEET VIOLET	<i>Viola odorata</i>	See page 48.		Late Apr. to late May
"Violet" 53	EARLY BLUE VIOLET	<i>Viola palmata</i> <i>V. cucullata</i> var. <i>palmata</i>	See page 48.		Late Apr., May
"Violet" 46	COMMON BLUE OR LARGE AMERICAN VIOLET	<i>Viola palmata</i> var. <i>cucullata</i>	See page 48.		Late Apr. to late May
"Lilac" usually 50	BIRD'S-FOOT VIOLET	* <i>Viola pedata</i>	A charming Violet. Flowers vary from deep lilac to white; petals flat and pansy-like. Leaves finely divided, resembling a bird's foot. Pretty for rock-garden, wild garden or naturalization. Prop. by seed and division. Dry sandy soil. U. S. A.	3-6 in. Sun	May, June
"Blue" 46	ERECT BUGLE	** <i>Ajuga Genevensis</i> <i>A. rugosa</i> , <i>A. alpina</i>	Erect stem bears numerous flowers in whorls. Color varies. Forms a mat in border or edge of shrubbery. Prop. by seed and division. Thrives in any common soil. Europe.	6-8 in. Sun or shade	May
"Ultramarine blue" 54 pale & dull	CRISPED METALLIC BUGLE	* <i>Ajuga metallica</i> var. <i>crispa</i>	Shining flowers in twisted spikes. Adapted for carpeting and bedding. Prop. by seed and division. Germany.	4-5 in. Sun	May, June
"Blue" 46	BUGLE	** <i>Ajuga reptans</i>	Dense creeping plant; increases rapidly. Flowers numerous in erect spikes. Shiny leaves. Good for carpeting shady places. Prop. by seed and division. Any common soil. Europe. Var. <i>rubra</i> ; Red-leaved Bugle; (color no. 46), more often cultivated than the type. Height 3-6 in. Valued for	3-4 in. Sun or shade	Early May to mid. June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Light blue" 58 lighter	NARROW-LEAVED AMSONIA	* <i>Amsônia angustifolia</i> <i>A. ciliata</i>	its dark purple foliage, rather than for its flowers. Europe. Var. <i>variegata</i> , variegated foliage. Hort. Small and numerous flowers in panicles. Young leaves soft and downy. Valuable among shrubs and in the border because of its peculiar shade of color. Prop. by seed, division or cuttings in summer. Southern U. S. A.	1-3 ft. Sun	May, June
"Light blue" 58 pale	AMSONIA	** <i>Amsônia Tabernæmontana</i> <i>A. latifolia</i> , <i>A. salicifolia</i> <i>Tabernæmontana</i> <i>Amsônia</i>	Small and numerous flowers in panicles succeeded by soft hairy pods. Smooth foliage resembling that of the Olive. Shrubbery and border. Prop. by seed, division and cuttings. N. C. to Tex. See Plate, page 143.	2-3 ft. Sun	Late May, early June
"Dark blue" 62	BARRELLER'S ALKANET	* <i>Anchusa Barrelieri</i>	Small flowers resembling Forget-me-nots in heliotrope-like clusters. Good for cutting. A valuable early bloomer for border or wild garden. Prop. generally by seed. Europe; Asia Minor.	2 ft. Sun	May, June
"Blue" 54	CAPE ALKANET	* <i>Anchusa Capensis</i>	Attractive biennial plant. Flowers like Forget-me-nots with red and white markings. Long narrow leaves in clumps at base of plant. Often winter-killed but self perpetuating. Border. Prop. by seed. Well-drained soil. Cape of Good Hope.	1½ ft. Sun	Late May to mid. July
"Blue" 54, buds 41	ITALIAN ALKANET	* <i>Anchusa Itálica</i>	Best species. Attractive plant with trumpet-shaped flowers in panicles. Continuous in bloom if not allowed to seed. Large rough glossy foliage. Border. Prop. by seed. Any ordinary soil. S. Europe.	3-4 ft. Sun	"
"Sky-blue" 52	APENNINE WIND-FLOWER	* <i>Anemone apennina</i>	See page 48.		Apr., May
"Sky-blue" 52 intense	BLUE WINTER WIND-FLOWER OR ANEMONE	* <i>Anemone blanda</i>	See page 51.		"
"Blue" 44 tinged blue	ROBINSON'S WOOD ANEMONE	* <i>Anemone nemorosa</i> var. <i>Robinsoniana</i> <i>A. n. var. cærulea</i>	See page 51.		Mid. Apr. to June
"Blue" 46 & white	ALPINE COLUMBINE	* <i>Aquilegia alpina</i>	Showy flowers of delicate color, 2-5 on a stem. Fine foliage. Plant in a sheltered position in rock-garden or border. Prop. by seed started in earliest spring. A moist sandy loam is best. Switzerland. Var. <i>superba</i> ; flowers with white centres. Siberia.	1 ft. or less Sun	May, June



AMSONIA. *Amsonia Tabernaemontiana*.

F



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" near 47	LONG-SPURRED COLUMBINE	** <i>Aquilegia cærulea</i> <i>A. leptoceras</i> , <i>A. macrantha</i>	A beautiful plant. Large flowers varying to whitish, 2½-3 in. across with slender twisting green-tipped spurs. Leaves large and handsome. Best to treat as a biennial. Lovely in clumps or masses in rock-garden or border. Prop. by seed in spring. Light moist well-drained soil. Rocky Mts. Var. <i>hybrida</i> ; sepals usually blue or pink and petals yellowish; good border plant. Hort.	1-1½ ft. Sun	Mid. May to July
"Deep blue" 63 & white	ALTAIAN COLUMBINE	** <i>Aquilegia glandulosa</i>	Charming species. Large nodding flowers; petals tipped with cream; short incurving spurs. Treat as a biennial. Rock-garden or border. Prop. by seed in spring. Well-drained soil. Altai Mts.	1-1½ ft. Sun	May, June
"Lilac blue" 44 bluer & white	STUART'S COLUMBINE	* <i>Aquilegia Stuarti</i>	A fine plant. Flowers large, erect and beautiful. Hybrid of <i>A. glandulosa</i> and <i>A. Olympica</i> . Resembles <i>A. glandulosa</i> in color. Good border plant. Prop. by seed. Hort.	1½ ft. Sun	Mid. May to July
"Blue" 63	BLUE WILD OR FALSE INDIGO	** <i>Baptisia australis</i> <i>B. cærulea</i> , <i>B. exaltata</i>	The best species of <i>Baptisia</i> for the garden. Bushy plant resembling the Lupine. Large flowers in spikes. Foliage sea-green. Good border plant. Prop. by seed and division. Any soil. Pa.; south to Ga. and N. C. See Plate, page 144.	4-4½ ft. Sun	Late May to mid. June
"Pale blue" 44	CUSICK'S QUAMASH	* <i>Camassia Cusickii</i>	Good species. Closely allied to the Squill. 30-50 flowers on a stalk. Good for cutting. Broad thick foliage 1 ft. long. Plant in early autumn and leave undisturbed. Bulbous. Any good garden soil. Oregon.	2-3 ft. Sun or half shade	May
"Purple blue" 54	CAMASS	* <i>Camassia esculenta</i>	Nearly allied to the Squill. Flowers varying to white in racemes borne above the lance-shaped leaves. Plant in border or under trees. Bulbous. Good loamy soil. Western N. Amer.	1-2 ft. Sun or half shade	"
"Light blue" 57 deep	WILD HYACINTH	* <i>Camassia Fraseri</i> <i>Quamassia hyacinthina</i> , <i>Scilla Fraseri</i>	Smaller in every way than <i>C. esculenta</i> . Flowers in dense racemes. Plant in border or naturalize in shady places. Bulbous. Good loamy soil. Eastern U. S. A.	12-18 in. Half shade	"
"Pale blue" 62 lighter	TUFTED HAIRBELL	* <i>Campánula cæspitosa</i>	Vigorous tufted plant. Abundant light blue nodding bell-shaped flowers. Useful for edging; grows well in crevices of the rock-garden. Prop. by division. Rich loam and leaf mold preferable. Alps.	4-6 in. Sun	May to July
"Blue" 52	ALLEN'S GLORY OF THE SNOW	* <i>Chionodoxa Alleni</i> <i>Chionoscilla Alleni</i>	See page 4.		Mid. Mar. to early May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 52 & white	GLORY OF THE SNOW	** <i>Chionodoxa Luciflæ</i>	See page 7.		Mid Mar. to early May
"Blue" 52 or 63	GIANT GLORY OF THE SNOW	** <i>Chionodoxa Luciflæ</i> var. <i>gigantæa</i>	See page 7.		"
"Blue" 52	TMOLUS' GLORY OF THE SNOW	* <i>Chionodoxa Luciflæ</i> var. <i>Tmolusi</i> C. T.	See page 7.		"
"Gentian blue" 52 deeper	SARDIAN GLORY OF THE SNOW	* <i>Chionodoxa Sardensis</i>	See page 7.		"
"Blue" 62 more violet	NODDING DRAGON'S-HEAD	* <i>Dracocéphalum nūtans</i>	Drooping racemes of quickly passing flowers which blossom well only in damp seasons. Rock-garden or border. Prop. by seed and division. Moist sandy loam. Russia; N. Asia. Var. <i>alpina</i> is less rare.	8-12 in. <i>Half shade</i>	May, June
"Dark blue" 63 lighter, markings 19 darker	TULIP-LEAVED FRITILLARY	* <i>Fritillaria tulipifolia</i>	Distinct and pretty species. Solitary dark tulip-shaped flowers with purple streaks, rusty purplish brown within. Bluish green foliage. Bulbous. Prop. by offsets; division every 3 or 4 years necessary. Deep sandy loam mixed with leaf mold. Caucasus.	2-8 in. <i>Shade</i>	Early May
"Blue" 62	GENTIAN-ELLA, STEMLESS GENTIAN	* <i>Gentiana acaulis</i>	Handsome species. Very large bell-shaped flowers marked inside with yellow, rise from rosettes of glossy leaves. Useful for the rock-garden or border. Leave undisturbed. Prop. very slowly by freshly ripened seed and division. Good moist soil. Alps; Pyrenees.	2-4 in. <i>Half shade</i>	May, June
"Dark blue" 60	ALPINE GENTIAN	<i>Gentiana alpina</i>	A form of <i>G. acaulis</i> having small broad leaves. See <i>G. acaulis</i> . Alps.	3-4 in. <i>Half shade</i>	"
"Light blue" 60 deeper & brilliant	VERNAL GENTIAN	* <i>Gentiana verna</i>	See page 51.		Apr. to early June
"Light blue" 52 deep & dull	HAIR-FLOWERED GLOBE DAISY	* <i>Globulæria trichosantha</i>	Rather large pale flowers in round heads. Foliage becomes blackish in autumn. Attractive in the rock-garden or border. Prop. by seed and division. Somewhat moist though well-drained soil. W. Asia.	6 in. <i>Half shade</i>	Late May to Aug.
"Bluish" near 44	SHARP-LOBED OR HEART LIVER LEAF	* <i>Hepatica acutifolia</i> <i>H. triloba</i> var. <i>acuta</i> , <i>Anemone acutifolia</i>	See page 51.		Apr., early May



BLUETS. *Houstonia cerulea*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Bluish" 53 lighter	FIVE-LOBED HEPATICA	* <i>Hepática angulòsa</i> <i>Anemone angulòsa</i>	See page 51.		Late Apr., early May
"Bluish" near 44 or 46	ROUND-LOBED OR KIDNEY LIVER LEAF	* <i>Hepática triloba</i> <i>H. Hepática</i> , <i>Anemone H. A. triloba</i>	See page 51.		"
"Pale blue" 57	BLUETS, INNOCENCE, QUAKER LADY	* <i>Houstonia cærulea</i>	Dainty little native plant. Tufts of slender stems bear numerous star-shaped flowers. Pretty in rock or wild garden. Prop. by spring division. Moist soil preferable. N. Eastern U. S. A. See Plate, page 147.	3-6 in. <i>Sun or half shade</i>	May, early June
"Light blue" 61	AMETHYST HYACINTH	* <i>Hyacinthus amethystinus</i>	Delicate and graceful plant. Drooping bell-shaped flowers borne along the flower-stem. Leaves lance-shaped springing from the root. Most effective when planted in masses. Bulbous. Prop. by offsets and seed. Any rich light soil. S. Europe.	$\frac{1}{2}$ ft. <i>Sun</i>	"
"Blue"	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See page 59.		Late Apr., May
"Pale blue" effect 44	WESTERN BLUE FLAG	* <i>Iris Missouriënsis</i> <i>I. Tolmieana</i>	Free bloomer. Flowers yellow near the centre, grow high above the foliage. Prop. by division. Good border plant in moist soil. Rocky Mts.	1-2 ft. <i>Sun</i>	Late May, June
"Blue" bet. 54 & 56	NEGLECTED FLAG	** <i>Iris neglecta</i>	Stems many flowered. Blossoms $2\frac{1}{2}$ in. across; falls much reflexed, deep blue veined with purplish red; beard bright yellow; standards pale blue; conspicuous yellow crest. Glaucous leaves. Prop. by division. Known only in cultivation.	$1\frac{1}{2}$ -2 ft. <i>Sun</i>	Late May to early June
"Azure blue" 51	AZURE DWARF FLAG	* <i>Iris pumila</i> var. <i>azurea</i>	One of the best dwarf Irises. Flowers close to the ground and short lived. Sword-shaped leaves. Spreads rapidly. Good for rock-garden or border. Prop. by division. Any garden soil. Europe.	4-8 in. <i>Sun or half shade</i>	May
"Deep blue" bet. 54 & 56	SPURIOUS IRIS	<i>Iris spuria</i>	Not an attractive species. Stems rise above the glaucous grass-like leaves bearing several flower heads. Var. <i>notha</i> is a sturdier plant; flower stems 2-3 ft. Kashmir. Prop. by division. Europe.	15-20 in. <i>Sun</i>	Late May to late June
"Blue" 54 lighter	PERENNIAL FLAX	** <i>Linum perenne</i>	Light and feathery in effect. A free and continuous bloomer. Flowers on slender leafy stems. Foliage delicate. Very attractive in rock-garden or border. Prop. by seed and division. Rich light soil. Europe; Western U. S. A. See Plate, page 148.	1-1 $\frac{1}{2}$ ft. <i>Sun or half shade</i>	Mid. May to Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 62	GENTIAN-BLUE CROMWELL	<i>Lithospermum prostratum</i>	A dwarf evergreen shrub of trailing habit. Low leafy clusters of gentian-blue flowers. Protection needed. Pretty rock or border plant. Prop. by "cuttings of previous year's wood." Well-drained sandy or loamy soil. S. Europe.	4 in. <i>Sun or half shade</i>	May, June
"Blue" 62 greener	NOOTKA LUPINE	* <i>Lupinus Nootkatensis</i>	A showy plant with large spikes of flowers. Deep green digitate foliage. Prop. by seed. Border plant doing well in ordinary garden soil. Nootka Sound.	12-15 in. <i>Sun</i>	Late May to early July
"Blue" 57 deeper, turns to 29	VIRGINIAN COWSLIP, BLUE BELLS	* <i>Mertensia pulmonarioides</i> <i>M. Virginica</i>	See page 52.		Late Apr. to late May
"Blue" 51	SIBERIAN LUNGWORT	* <i>Mertensia Sibirica</i>	Rare but excellent species. Similar to Virginian Cowslip. Funnel-formed flowers in nodding clusters. Buds pinkish. Broad grayish leaves. Do not disturb. Good for rock-garden or border. Prop. preferably by seed just ripe. Sheltered spots in good loam. Rocky Mts.; Siberia.	1-5 ft. <i>Sun</i>	May, early June
"Pale blue" 63 or paler	COMMON GRAPE HYACINTH	** <i>Muscari botryoides</i> <i>Hyacinthus botryoides</i>	See page 52.		Apr., May
"Dark blue" 49 redder	DARK PURPLE GRAPE HYACINTH	* <i>Muscari commutatum</i>	See page 52.		"
"Blue" 63 duller	TUFTED GRAPE HYACINTH, PURSE TASSELS, TUZZY-MUZZY	* <i>Muscari comosum</i> <i>Hyacinthus Comosus</i>	See page 52.		"
"Blue" 63 duller	FEATHERED FAIR-HAIRED OR TASSELED HYACINTH	** <i>Muscari comosum</i> var. <i>monstruosum</i> <i>M. plumosum</i> <i>M. p. var. m.</i>	See page 52.		"
"Dark blue" 61	STARCH GRAPE HYACINTH	* <i>Muscari racemosum</i> <i>Hyacinthus r.</i>	See page 52.		"
"Deep sky-blue" 58 brighter	EARLY FORGET-ME-NOT	* <i>Myosotis dissitiflora</i>	See page 52.		Late Apr. to July
"Bright blue" 58 brighter	TRUE FORGET-ME-NOT	* <i>Myosotis palustris</i>	Dwarf Alpine plant with many small flowers in lax racemes. Foliage forms a low lying tuft. Good for carpeting and edging. Prop. by seed or cuttings. Any rather moist soil. Europe; Asia.	6-18 in. <i>Half shade or shade</i>	May, June



EVER-FLOWERING FORGET-ME-NOT. *Myosotis palustris* var. *semperflorens*.



GENTIAN-LEAVED SPEEDWELL. *Veronica gentianoides*.



GREEK VALERIAN. *Polemonium reptans*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 57	EVER-FLOWERING FORGET-ME-NOT	<i>*Myosotis palustris</i> var. <i>sempervirens</i>	Dwarf plant of spreading habit, called <i>sempervirens</i> from its long season of bloom. Flowers in loose clusters. Good for damp shady spots of rock-garden. Prop. by seed and cuttings. Moist soil. Hort. See Plate, page 151.	8 in. <i>Shade</i>	May to Sept.
"Blue" 58 darker	WOOD FORGET-ME-NOT	<i>*Myosotis sylvatica</i>	One of the best species for spring bedding. Loose clusters of small flowers with yellow eyes. Attractive for fringing walks or in garden beds and pretty when naturalized in the grass. Prop. by seed. Any good soil. Europe; Asia.	1-2 ft. <i>Sun or shade</i>	May, early June
"Blue" 58 brilliant	ALPINE WOOD FORGET-ME-NOT	<i>*Myosotis sylvatica</i> var. <i>alpestris</i> <i>M. alpestris</i>	Dwarf variety with more compact flower clusters than the type. Very attractive when planted in masses. Good for fringing walks. Prop. by seed. Any good soil. Europe.	3-8 in. <i>Sun or shade</i>	"
"Blue" 58 deeper	CREeping FORGET-ME-NOT	<i>*Omphalodes verna</i>	See page 55.		Apr., May
"Bright blue" 46	BLUE SMOOTH BEARD-TONGUE	<i>*Pentstemon glaber</i> var. <i>cyananthus</i> <i>P. cyanthus</i>	Improvement on the type; taller with brighter flowers in close clusters, broader and greener foliage. Very pretty for the garden. Prop. by seed and division. Any good rich soil. Rocky Mts.	12-18 in. <i>Sun</i>	Late May, June
"Pale blue" 50	CHICK-WEED PHLOX	<i>*Phlox stellaria</i>	See page 55.		Late Apr., May
"Light blue" bet. 46 & 52	GREEK VALERIAN	<i>*Polemonium réptans</i>	See page 55 and Plate, page 152.		Late Apr. to early June
"Azure blue" 46 bluer	HIMALAYAN VALERIAN	<i>*Polemonium réptans</i> var. <i>Himalayanum</i> <i>P. grandiflorum</i> , <i>P. caeruleum</i> var. <i>grandiflorum</i>	Alpine plant. Bell-shaped flowers $1\frac{1}{2}$ in. in diameter, in large panicles. Foliage fern-like. Good border plant. Prop. by seed and division. Good garden soil. Himalayas.	1-2 ft. <i>Half shade</i>	Late May to mid. July
"Blue" 46 bluer	BLUE COWSLIP	<i>*Pulmonaria angustifolia</i>	Compact plant with funnel-shaped flowers and thick tufts of foliage. Easily cultivated. Divide every few years. Grows best in half shade. Wild garden or border. Prop. in early spring by division. Light fairly moist soil. Europe.	6-12 in. <i>Sun or half shade</i>	May
"Rose, turns blue" turns 54	LUNGWORT	<i>*Pulmonaria officinalis</i> <i>P. maculata</i>	Tufted plant. Flowers in upright clusters turning blue. Foliage coarsely hairy, handsomely spotted. Plant in semi-wild places or border. Prop. by division. Light soil not too dry advisable. Europe.	6-12 in. <i>Sun or half shade</i>	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 51	BETHLEHEM SAGE	<i>Pulmonaria saccharata</i>	See page 55.		Late Apr. to late May
"Blue" 61	STAR HYACINTH	* <i>Scilla amœna</i>	See page 7.		Mid. Mar. to early May
"Dark blue" 62	EARLY SQUILL	* <i>Scilla bifolia</i>	See page 7.		"
"Blue" 61 deeper	SIBERIAN SQUILL	** <i>Scilla Sibirica</i> <i>S. amœna</i> var. <i>præcox</i>	See page 7.		"
"Blue" 32 turns 61	PRICKLY COMFREY	<i>Symphytum aspernum</i>	Somewhat coarse plant. Tubular drooping flowers reddish turning to blue, in scattered clusters. Prickly foliage. Mass in wild garden. Any garden soil. Caucasus.	3-5 ft. <i>Sun or half shade</i>	Late May to mid. July
"Blue" bet. 60 & 61	ANGEL'S OR BIRD'S EYES, GERMAN-DER SPEEDWELL	** <i>Veronica Chamædrys</i>	Compact plant with many slender branches which ascend from a creeping rootstock. Large flowers in loose racemes 3-6 in. long. Excellent border plant. Prop. by division. Any good garden soil. Europe.	1-1½ ft. <i>Sun</i>	Late May, June
"Blue" 46 or 53	GENTIAN-LEAVED SPEEDWELL	** <i>Veronica gentianoides</i>	See page 55 and Plate, page 152.		Late Apr. to late May
"Light blue" 50	COMMON SPEEDWELL	<i>Veronica officinalis</i>	Native. Rapidly trailing plant with thick-flowered racemes. Good for cutting. Of easiest culture and continuous bloom. Useful for carpeting under trees. Prop. by cuttings. Any soil. Europe; N. Amer.	4-6 in. <i>Shade</i>	May, July
"Deep blue" near 47	SCALLOPED-LEAVED SPEEDWELL	* <i>Veronica pectinata</i>	Pretty trailing plant with long many-flowered racemes. Suitable for a dry position in rock-garden or edge of border. Prop. by seed and division. Almost any soil. Asia Minor.	Prostrate <i>Sun or shade</i>	May, June
"Purple blue" 54	ROCK SPEEDWELL	** <i>Veronica rupëstris</i> <i>V. fruticulosa</i>	Neat closely trailing plant with dense erect spike-like racemes of flowers borne in profusion. A splendid border plant forming a thick mat. Prop. by seed or division. Any good garden soil.	4-5 in. <i>Sun</i>	Mid. May to late June
"Pale blue" 53 pale	BASTARD SPEEDWELL	* <i>Veronica spuria</i> <i>V. paniculata</i> <i>V. amethystina</i>	Produces a wealth of long racemes crowded with small blossoms, but grows weedy after flowering. Prop. by seed and division. Forests of S. Europe and Russia. Var. <i>elegans</i> ; more graceful and widely branching than the type.	1-1½ ft. <i>Sun</i>	Mid. May to June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" bet. 60 & 61	HUNGARIAN SPEEDWELL	** <i>Verónica Teucrium</i>	Rapidly spreading, of dense growth, covered with thickly-flowered racemes. Excellent for border or rock-garden. Prop. by seed and division. Any garden soil. Central and S. Europe; Central Asia.	$\frac{1}{2}$ -1 ft. Sun	Late May to early June
"Purplish blue" 47 or 48	HAIRY VIOLET	* <i>Viola hirta</i>	Similar to <i>V. odorata</i> , though almost scentless and with narrower leaves. Plant in shady spot in rock-garden. Europe.	4-6 in. Half shade	May
"Purplish blue" 53	ARROW-LEAVED VIOLET	<i>Viola sagittata</i> <i>V. dentata</i>	Large flowers with short spurs, and bearded petals. Leaves varying from heart-shaped to spear-shaped. Border or rock-garden. Prop. by seed, division or runners. N. Amer.	2-3 in. Half shade	May, early June
Parti-colored 26, 43, & white	LARGE-FLOWERED BARRENWORT	* <i>Epimedium macranthum</i>	See page 56.		Late Apr. to late May
1, markings 17	TWISTED-LEAVED FRITILLARY	* <i>Fritillaria obliqua</i>	See page 56.		Mid. Apr. to mid. May
1, markings 56	SLENDER FRITILLARY	* <i>Fritillaria tenella</i> <i>F. montana</i>	Tubular yellowish flowers, checkered with purplish brown, on an almost erect stem. Border and rock-garden. Bulbous. Prop. by offsets. Rich soil well-drained. Maritime Alps.	1 ft. Shade	May
White & 46	ELDER-SCENTED FLAG	* <i>Iris sambucina</i>	Resembles <i>I. squalens</i> but less vigorous and with smaller flowers. Prop. by division. Rather moist soil. Europe.	$1\frac{1}{2}$ -2 $\frac{1}{2}$ ft. Sun	Late May
Often 46 deep with 1 & 35	BROWN-FLOWERED IRIS	* <i>Iris squalens</i>	Several flowered species. Flowers much smaller than <i>I. Germanica</i> , inner petals purplish buff or brownish and yellow; outer petals dull violet, beard yellow. Grayish green leaves shorter than flower-stems. Prop. by division. Central Europe to Caucasus.	3 ft. Sun	Late May, June
Parti-colored	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See page 64.		Late Apr. to late May
"White & rose"	LADY TULIP	<i>Tulipa Clusiana</i>	Dainty very fragrant flower about 2 in. across, flushed with rose and purplish black at base. Leaves long, narrow and folded. Pretty for border or rock-garden. Plant in late Sept. or in Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. It is best to protect in winter and to give an occasional top-dressing. Bulbous. Prop. by offsets. If drainage is not good put sand around the bulb. S. Europe.	12-18 in. Sun	May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various white to 48 duller	DOUBLE-FLOWERED EUROPEAN COLUMBINE	* <i>Aquilegia vulgaris</i> var. <i>flore-pleno</i>	Flowers much doubled. Color varies from white to deep blue. Useful for wild garden or border. Prop. by seed. Light sandy soil, moist but well-drained. Hort.	1-1½ ft. <i>Sun</i>	Mid. May to July
Often 7	WALL-FLOWER	* <i>Cheiranthus Cheiri</i>	Bushy plant. Yellow flowers varying to brown and purple, ¾ in. across, grow in clusters. Foliage good. Should be renewed every year from seed. Flowers the second year. Pretty in rock-garden or border. Prop. by seed or cuttings. Any good garden soil. S. Europe	1-2½ ft. <i>Sun</i>	May
Often near 22	FLESH-COLORED HEATH	<i>Erica carnea</i>	See page 56.		Apr., May
4, 13 or 19 more orange	CROWN IMPERIAL	** <i>Fritillaria imperialis</i>	See page 56.		Mid. Apr. to mid. May
Various	GUINEA-HEN FLOWER, SNAKE'S HEAD, CHECKERED LILY	** <i>Fritillaria Meleagris</i>	See page 59.		Late Apr. to late May
Various	DUTCH HYACINTH	** <i>Hyacinthus orientalis</i> vars.	See page 59.		Late Apr., May
Sometimes 43 dull	VIRGINIA WATER-LEAF	<i>Hydrophyl- lum Virgínicum</i>	White or violet erect bell-shaped flowers in clusters. Useful for shady places in rock-garden or border. N. Amer.	1-2 ft. <i>Sun or shade</i>	Mid. May to July
Various	GERMAN FLAG, FLEUR-DE-LIS	** <i>Iris Germánica</i> vars.	The name is given to a large group of varieties. Large and beautiful flowers with erect standards and yellow beard. The blossoms vary in color from pure white to violet and purple, sometimes being yellow or variegated with yellow. They appear on stout, usually branching stalks high above the broad sword-shaped leaves. Effective in isolated clumps and in masses in the border or edge of shrubbery. Prop. by division of rhizomes. Divide when crowded, but disturb as little as possible. They are gross feeders, but will flourish in any well-drained garden soil. Europe Among the best vars. are: * <i>Albert Victor</i> ; (color no. 46 deep), standards soft blue, falls a delicate lilac. ** <i>Bronze Beauty</i> ; standards dull yellow, falls rose lavender. * <i>Darius</i> ; (color nos. 48 & 2), lilac flowers edged with white, beard rich orange. ** <i>Duc de Nemours</i>	2-3 ft. <i>Sun</i>	Late May, June





FLEUR-DE-LIS, *Iris Germanica*.



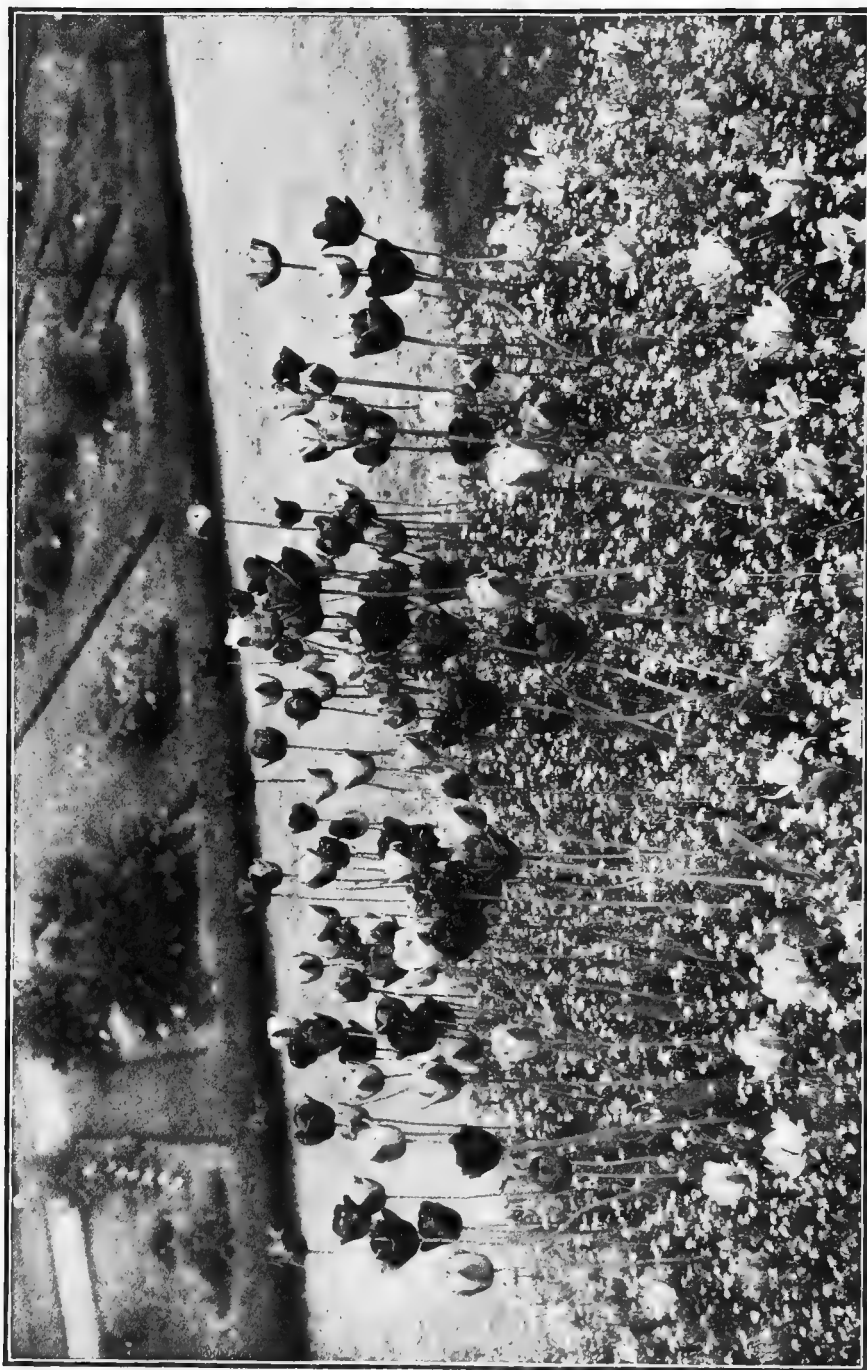
TREE PEONY. *Peonia Moutan*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	WHITE-FLOWERED PEONY	** <i>Pædonia albiflora</i> vars. <i>P. edulis</i>	(color no. 55 and white), purple margined with white. * <i>Gracchus</i> ; (color nos. 2 & 41), early bloomer. Standards pale yellow, falls yellow suffused with deep red. Height 1½ ft. ** <i>Hector</i> ; (color nos. 5 light & 13 deep), standards delicate yellow, falls very deep crimson. ** <i>Mme. Chereau</i> ; (tinged with color no. 44), white beautifully feathered and margined with blue. ** <i>Mrs. H. Darwin</i> ; (tinged with color no. 48), white netted with violet; a free bloomer. ** <i>Purple King</i> ; (color no. 55 warmer), purple. ** <i>Victorine</i> ; (white and color no. 55), blue and white. See Plate, page 157.	2-4 ft. <i>Sun or half shade</i>	Late May to mid. June
Various	TREE PEONY	<i>Pædonia Moután</i> <i>P. arborea</i>	Beautiful shrub with very large flowers. Many double or single varieties, in colors from white to crimson. Harder to grow than other species, needing protected spot and winter covering. Plant in isolated clumps or in border or on the edge of shrubbery. Prop. by grafting on roots of herbaceous species. Does not flower until third year. Being a gross feeder, it requires a rich moist loam enriched with cow manure. China. See Plate, page 158.	3-6 ft. <i>Sun or half shade</i>	Mid. May to mid. June
Often 33 redder	COMMON GARDEN PEONY	** <i>Pædonia officinalis</i> vars. <i>P. fulgida</i>	Herbaceous Peonies, typically crimson, but the parents of many colored horticultural vars. Large single or double flowers varying from white to deep crimson and parti-colored. Handsome divided foliage. Hardy and effective in clumps or masses in large border or for edging beds of shrubs. Half shade is desirable. Prop. usually by division in early autumn. Being gross feeders, they require a deep rather moist loam enriched with cow manure.	2-3 ft. <i>Sun or half shade</i>	"
Often 40 deeper	STRAGGLING PEONY	* <i>Pædonia peregrina</i> vars.	Herbaceous Peony. Effective species resembling <i>P. officinalis</i> ; the flowers of the many vars. range from pale rose to deep crimson. Dark glossy foliage. For location and cultivation see <i>P. officinalis</i> . S. Europe.	1½-2 ft. <i>Sun or half shade</i>	May
Often 31 duller	HAIRY PHLOX	** <i>Phlox amœna</i> <i>P. procumbens</i> (Gray)	See page 63.		Late Apr., May

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	DOWNY PHLOX	* <i>Phlox pilosa</i> <i>P. aristata</i>	Beautiful species with a profusion of white, purplish or pink flowers in flat clusters. Resembles <i>P. Drummondii</i> . Rock-garden or border. Prop. by seed, division or cuttings. Good light garden soil. N. Amer.	1-1½ ft. Sun	May, June
40, 36, 43, white, etc.	MOSS OR GROUND PINK	** <i>Phlox subulata</i> <i>P. nivalis</i>	See page 63.		Late Apr., May
34 & others	AURICULA	* <i>Primula Auricula</i> <i>Auricula</i>	See page 63.		"
Various	POLYANTHUS	* <i>Primula Polyantha</i>	See page 63.		"
Mixed white, 48, etc.	VON SIEBOLD'S PRIMROSE	** <i>Primula Sieboldi</i> <i>P. cortusoides</i> var. <i>amæna</i> , var. <i>grandiflora</i> & var. <i>S.</i>	See page 63.		"
Various	TONGUE-LEAVED SAXIFRAGE	* <i>Saxifraga ligulata</i> <i>S. Schmidtii</i>	See page 64.		"
Various	COMMON BLUEBELL of England, WOOD HYACINTH	* <i>Scilla festalis</i> <i>S. nutans</i> , <i>S. nonscripta</i> , <i>S. cœrnua</i>	Drooping bell-shaped fragrant flowers, blue, purple, white or pink, on tall stems. Leaves long and grass-like. Charming in rock-garden or margin of shrubbery. Bulbous. Prop. by offsets. Enrich occasionally with top-dressing of manure. Europe.	8-12 in. Half shade	May, early June
Various	SPANISH SQUILL OR JACINTH, BELL-FLOWERED SQUILL	** <i>Scilla Hispanica</i> <i>S. campanulata</i> , <i>S. patula</i>	The most robust species. Bell-shaped flowers about 1 in. across, blue, white or rose, hang from the flower-stalks. Leaves long and narrow. Charming in masses for rock-garden, wild garden, border and naturalization. Bulbous. Prop. by offsets in summer. Any soil with a yearly top-dressing. Spain; Portugal.	12-18 in. Sun	Late May, June
34 or green	SESSILE-FLOWERED WAKE-ROBIN	<i>Trillium sessile</i>	See page 64.		Late Apr., May
Various	LARGE CALIFORNIAN WAKE-ROBIN	<i>Trillium sessile</i> var. <i>gigantæum</i> <i>T. s.</i> var. <i>Californicum</i>	See page 64.		"
Various	TULIP	** <i>Tulipa</i> vars.	Single Early Bedding Tulips. See page 64.	See	Late Apr. to late May
Various	TULIP	** <i>Tulipa</i> vars.	Double Early Bedding Tulips. See page 64.	See	"



LATE TULIPS



DARWIN TULIP. *Tulipa "Darwin,"* AND ALPINE WOOD FORGET-ME-NOT. *Myosotis alpestris.*

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	TULIP	** <i>Tùlipa</i> vars.	<p>The following is a carefully selected list of some of the best single and double late Tulips of garden origin. They have longer and more graceful flower-stalks than the early species and are good for cutting. There are many other good vars. in the trade. Plant in late Sept. or in Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. Protect in winter and give an occasional top-dressing. Bulbous. Prop. by offsets. Light soil. If drainage is poor, put sand around the bulb. See Plate, page 161.</p> <p><b>Single Late Bedding Tulips.</b> Vars. <i>Bizarres</i>; (marked with color no. 35); yellow ground, striped or feathered with crimson, purple or white. <i>By-blèmens</i>; white ground, striped or marked with purple, lilac or black <i>Roses</i>; white ground, marked with scarlet, pink or red. <i>Bouton d'or</i>; (color no. 5), bright yellow globular flowers; very pretty. <i>Golden Crown</i>; (effect color no. 6), yellow edged with red. <i>Picotée</i>; white edged with deep pink; charmingly shaped flowers on graceful stems.</p> <p><b>Double Late Bedding Tulips.</b> Vars.: <i>Belle Alliance</i>; (color no. bet. 19 &amp; 20), red, striped with white. <i>Blue Flag</i>; (color no. 46), violet blue; height 16 in. <i>Duke of York</i>; (color no. 32), dark rose with white border. <i>La Candeur</i>; very large and pure white. <i>Mariage de ma Fille</i>; (color no. 22), pure white striped with rose. <i>Peony Gold</i>; (color no. 5 marked with 19), golden yellow, striped with red. <i>Rose Blanche</i>; (color no. 22 lighter), snow white and pink; height 9 in.</p>	12-18 in. Sun	Mid. to late May
Often mixed or 39, 25, or 3 & green, etc.	DARWIN TULIP	** <i>Tùlipa</i> "Darwin"	<p>Single late-flowering Tulip of robust growth, producing very large finely-formed flowers, on tall graceful stems, and in unusual colors, ranging from palest lilac to purplish black, including shades of rose, slate, mahogany, and crimson. Excellent for cutting. Beautiful in mixed colors for beds or for grouping on the edge of shrubbery, or in border. For cultivation see <i>T. Gesneriana</i> vars. Garden origin. See Plate, page 162.</p> <p>Among the most desirable are:—<i>Alabama</i>; (color no. 39), deep rosy lilac. <i>Glory</i>; salmon scarlet. <i>Grande Duchesse</i>; (color no. 19), carmine red. <i>Gustave Doré</i>; vivid rose. <i>Herold</i>; (color no. 43), pale violet. <i>Hippolyte</i>;</p>	1½-2 ft. Sun or half shade	Late May to early June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	DUC VAN THOL TULIP	** <i>Tùlipa</i> "Duc van Thol"	(color no. 41 brighter), bluish violet. <i>Liberia</i> ; (color no. 35), deep brown, shaded black. <i>Longfellow</i> ; (color no. 37 or 38), deep rose. <i>Olga</i> ; (tinged with color no. 43), white and lilac. <i>Pales</i> ; (color no. 43), pale lilac. <i>Richelieu</i> ; (color no. 35), deep red. <i>Scylla</i> ; (color no. 29), pink. See page 68.		Late Apr., early May
Various	COMMON GARDEN OR LATE TULIP	** <i>Tùlipa</i> <i>Gesneriàna</i> vars.	The type of this effective flower is described under color "red." There are many varieties in shades of orange, yellow, carmine, etc. Beautiful in groups and masses. Plant in late Sept. or in Oct. at a depth of 4 in. to the bottom of the bulb, allowing 4 in. between each. It is best to protect in winter and to give an occasional top-dressing. Bulbous. Prop. by offsets. Light soil. If drainage is not good put sand around the bulb.	6-24 in. <i>Sun</i>	Mid. May to early June
Often mixed 18 & 3 or 3 & green	PARROT OR DRAGON TULIP	** <i>Tùlipa</i> <i>Gesneriàna</i> var. <i>Dracóntia</i>	Single late flowering Tulip, odd, showy and interesting. Large flowers with petals curiously cut or feathered, in brilliant colors, sometimes combining shades of green. Good for cutting. Excellent in beds or borders. For cultivation see <i>T. Gesneriana</i> vars. Of garden origin. Among the most desirable are:— <i>Admiral of Constantinople</i> ; (color no. 20), dark red; large flowers. <i>Café Brun</i> ; (effect color no. 14), coffee color and yellow. <i>Lutea Major</i> ; (color no. 5), bright yellow, sometimes streaked with red. <i>Markgraaf</i> ; (color nos. 4 & 20 striped with green), yellow, scarlet and green striped; large. <i>Monstre Rouge</i> ; (color no. 20 more brilliant), beautiful deep scarlet, large flower, very handsome. <i>Perfecta</i> ; (color nos. 4 & 17), yellow, spotted with red. See Plate, page 165.	12-18 in. <i>Half shade</i>	Mid. May to June
46 etc.	DOG VIOLET	<i>Viola canina</i>	See page 68.		Late Apr. to late May
Often 48 darker	MUNBY'S VIOLET	<i>Viola Munbyana</i>	Very pretty species. Vigorous and free-flowering. Large flowers, deep purple or yellow. Resembles <i>V. cornuta</i> . Mass in the rock-garden. Algeria.	4-5 in. <i>Half shade</i>	Early to late May
Various	PANSY, HEARTS-EASE	** <i>Viola tricolor</i>	See page 68.		Mid. Apr. to mid. Sept.





PARROT TULIP. *Tulipa Gesneriana* var. *Dracontia*.



# JUNE

## WHITE TO GREENISH

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	SNEEZE-WORT	<i>Achillea Ptarmica</i>	Straggling plant. Flowers in loose flat clusters. Border or wild garden. Prop. by seed, division or cuttings. Any ordinary soil. N. Temp. Zone.	1-2 ft. <i>Sun</i>	June to mid. Sept.
"White"	DOUBLE SNEEZE-WORT	** <i>Achillea Ptarmica</i> var. "The Pearl"	Large and fine var. Double flowers in small clusters. Foliage insignificant. Excellent for cutting. Border. Prop. by division and cuttings. Rich soil. N. Temp. Zone. See Plate, page 276.	1½-2½ ft. <i>Sun</i>	June to Oct.
"Cream white"	WHITE BANE-BERRY	<i>Actaea alba</i> <i>A. rubra</i>	See page 11.		Early Apr. to July
"White"	COHOSH, HERB CHRISTOPHER	<i>Actaea spicata</i>	See page 71.		May, June
"White"	WHITE BUGLE	* <i>Ajuga reptans</i> var. <i>alba</i>	See page 71.		May to mid. June
"White" 39 under petals	NARCISSUS-FLOWERED ANEMONE	<i>Anemone narcissiflora</i> <i>A. umbellata</i>	See page 71.		May to Aug.
"White" often 36	WOOD ANEMONE	<i>Anemone nemorosa</i>	See page 11.		Late Apr. to early June
"White"	CANADA ANEMONE	* <i>Anemone Pennsylvanica</i> <i>A. Canadensis</i> , <i>A. dicbotoma</i>	See page 71.		Mid. May to early July
"Cream white" tinged with 39	SNOWDROP WIND-FLOWER	** <i>Anemone sylvestris</i>	See page 11.		Late Apr. to mid. July
"Greenish white"	TALL OR VIRGINIAN ANEMONE	<i>Anemone Virginiana</i>	Hairy species, sturdy and branching. Flowers 1-1½ in. wide. Good for naturalizing in wild garden. N. Amer.	2-3 ft. <i>Sun or shade</i>	June, July
"White"	ST. BRUNO'S LILY	* <i>Anthericum Liliastrium</i> <i>Paradisea Liliastrium</i>	See page 72.		Late May to early July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	BRANCHING ANTHERICUM	* <i>Anthéricum racemòsum</i> <i>A. Graminifolium</i>	Small lily-like flowers in racemes on branching stems. Tufted grass-like foliage. Winter protection. Pretty in border. Prop. by seed, division and stolons. S. Europe.	1½-2 ft. Sun	June
"Pure white"	DWARF WHITE-FLOWERED COLUMBINE	* <i>Aquilègia flabellata</i> var. <i>nàna-álba</i> <i>A. f. var. flore-álba</i>	Dwarf var. of <i>A. flabellata</i> . Flowers have short spurs. Prop. by seed and division. Should have a light well-drained but not dry soil. Hort.	8-12 in. Sun	"
"White"	WHITE COLUMBINE	** <i>Aquilègia vulgaris</i> var. <i>nívea</i>	See page 72.		Mid. May to July
"White"	WHITE PLANTAIN-LIKE THRIFT	* <i>Armèria plantagínea</i> var. <i>leucántha</i> <i>A. dianthoides</i>	See page 72.		Late May to late June
"White"	GALIUM-LIKE WOODRUFF	<i>Aspérula Galioïdes</i>	Erect plant with pleasing flowers. Useful in rock-garden in rather dry position. Europe.	1-1½ ft. Half shade	June, July
"White"	SWEET WOODRUFF, HAY PLANT	<i>Aspérula odorata</i>	See page 75.		Early May to mid. June
"White"	BRANCHING ASPHODEL	* <i>Asphódelus álbus</i>	Small lily-like flowers borne in spikes which rise high above the tufts of long narrow leaves. Good border plant. Prop. by division. Any good soil. S. Europe.	2-3 ft. Sun or half shade	June, July
"White"	WHITE ALPINE ASTER	** <i>Áster alpinus</i> var. <i>álbus</i>	See page 75.		Late May to late June
"White"	SMALL WHITE ASTER	* <i>Áster vimíneus</i>	Pretty plant with numerous showy white flowers. Wild garden. U. S. A.	2-4 ft. Sun	June, July
"Creamy white"	FALSE GOAT'S BEARD	** <i>Astílbe decándra</i> <i>A. biternata</i>	Flowers in terminal panicles. Foliage somewhat heart-shaped. Effective in masses. Border. Prop. by division. Any good garden soil. U. S. A.	3-6 ft. Half shade	Early June to early July
"White"	JAPANESE FALSE GOAT'S BEARD	** <i>Astílbe Japónica</i> <i>Hoteia Japónica</i> , <i>H. barbata</i> , <i>Spiræa Japónica</i>	Plant of compact habit. Flowers form feathery panicles which rise above the handsome dark foliage. Effective in masses and in the border. Prop. by division. Any soil. Japan. See Plate, page 169. Var. <i>grandiflora</i> ; (color no. 22 pale), has larger flowers and more compact racemes. Var. <i>multiflora</i> ; many flowered var., flowers larger and more compact than in the type. Var. <i>variegata</i> , bears pretty variegated foliage.	1-3 ft. Half shade	Mid. June to mid. July



JAPANESE FALSE GOAT'S BEARD. *Astilbe Japonica*.



WHITE PEACH-LEAVED BELLFLOWER. *Campanula Persicifolia* var. *alba*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	LARGE WHITE WILD INDIGO	* <i>Baptisia leucantha</i>	Stately plant. Flowers an in. long, in terminal racemes. Foliage clover-like. Prop. by seed and division. Any good garden soil. Eastern U.S.A.	2-4 ft. Sun	Early June to mid. July
"White"	WHITE CARPATHIAN HAIRBELL	** <i>Campánula Carpática</i> var. <i>álba</i>	Vigorous compact plant. The large erect cup-shaped flowers are borne in continuous profusion above the pretty foliage. Invaluable for rock-garden or border. Prop. by seed, division or cuttings. Rich well-drained loam. Transylvania.	9 in. Sun	Late June to late Aug.
"White"	WHITE PEACH-LEAVED BELL-FLOWER	** <i>Campánula persicifolia</i> var. <i>álba</i>	A very charming plant. Many large cup-shaped flowers 2 in. across, ranging along tall stems are borne above a tuft of pretty foliage. Good for cutting, and a graceful border plant. A charming effect is given by massing against a dark background. Prop. by seed and division. Easily cultivated in rich soil. See Plate, page 170. Var. <i>flore-pleno</i> has double camellia-like flowers. Good for cutting. Central Europe. Var. <i>alba grandiflora</i> is a favorite Campanula. The very large cup-shaped flowers make it an imposing plant for the border. Prop. by division. Hort.	1½-3 ft. Sun	Early June to early July
"White"	BACK-HOUSE'S PEACH-LEAVED BELL-FLOWER	** <i>Campánula persicifolia</i> var. <i>Bäckhousei</i>	A popular form of <i>C. persicifolia</i> . Attractive as a rock-garden plant, showy in the border, and good for cutting. See <i>C. persicifolia</i> var. <i>álba</i> . Hort.	1½-3 ft. Sun	June, July
"White"	MOERHEIM'S PEACH-LEAVED BELL-FLOWER	** <i>Campánula persicifolia</i> var. <i>Moerheimi</i>	Recently introduced. A good and very hardy form of this popular Bell-flower. Spikes of camellia-like flowers, 2½-3½ in. in diameter, are produced in profusion. Good for cutting. See <i>C. persicifolia</i> var. <i>álba</i> . Hort.	1½-2 ft. Sun	"
"White"	SPOTTED BELL-FLOWER	* <i>Campánula punctata</i>	An interesting species. Two or three large drooping flowers on erect stems, throats spotted with red. Not good for cutting. Rough and hairy foliage mostly at base of plant. Attractive border plant. Prop. by division. Rich loam well-drained. Siberia; Japan.	1-1½ ft. Sun	June to late July
"White"	WHITE BLUE BELLS OF SCOTLAND	* <i>Campánula rotundifolia</i> var. <i>álba</i>	A lovely little plant with drooping bell-flowers on slender stems. Not so leafy as the type. Pretty for border, though especially suited for the rock-garden or for naturalization in wild spots. Prop. by seed, division or cuttings. Rich well-drained loam. N. Temp. Regions.	6-12 in. Sun	June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE COVENTRY BELLS	<i>Campánula Trachelium</i> var. <i>álba</i>	A white form of a common and very hardy species. Flowers bearded inside in loose racemes 1 ft. or more long. Good border plant. Prop. by seed, division or cuttings. Rich well-drained loam. Europe. Var. <i>alba plena</i> , a double form.	2-3 ft. <i>Sun</i>	June
"White"	WHITE MOUNTAIN BLUET OR Knapweed	** <i>Centaurea montana</i> var. <i>álba</i>	See page 75.		Late May to early July
"White"	WHITE JUPITER'S BEARD	<i>Centranthus ruber</i> var. <i>álbus</i>	Compact bushy plant covered with bold clusters of flowers which terminate leafy stems. Gray-green foliage. Often found in old-fashioned gardens. Prop. by seed or division. Mediterranean Region.	1-3 ft. <i>Sun</i>	June, July
"White"	BIEBER-STEIN'S MOUSE-EAR CHICK-WEED	<i>Cerástium Bièbersteinii</i>	Evergreen creeping plant. Small flowers. Broad glossy silvery leaves forming a dense mat. Used chiefly for edging. Prop. by division or cuttings. Any garden soil. Asia Minor.	6 in. <i>Sun or half shade</i>	"
"White"	BOISSIER'S MOUSE-EAR CHICK-WEED	<i>Cerástium Boissierii</i>	Spreading plant. Large flowered var. Silvery foliage. Stems weak. Good for covering dry banks. Any ordinary garden soil. Spain.	10-12 in. <i>Sun or half shade</i>	June
"White"	LARGE-FLOWERED MOUSE-EAR CHICK-WEED	* <i>Cerástium grandiflorum</i>	See page 75.		May, June
"White"	COTTONY MOUSE-EAR CHICK-WEED	<i>Cerástium tomentosum</i>	Spreading plant of weak stem and small flowers. Foliage silvery. Used principally for edging. Europe.	3-6 in. <i>Sun</i>	June
"White"	PRINCE'S PINE	<i>Chimaphila umbellata</i> <i>C. corymbosa</i> , <i>Pyrola umbellata</i>	Small shrubby evergreen plant. Flowers sometimes reddish in few-flowered clusters. Dark green glossy leaves. Suitable for wild garden or rock-garden. Plant among <i>Pyrolas</i> , Wintergreen, etc. Prop. by division. Sandy peaty soil with leaf mold. N. Amer.; Europe; Japan.	3-6 in. <i>Half shade</i>	"
"White"	DR. JAMES'S SNOW-FLOWER	<i>Chionophila Jamesii</i>	Tufted alpine plant. Creamy flowers in dense spikes. Leaves rather thick, mostly about the root. Desirable in rock-garden. Prop. by seed or division. Well-drained soil. Rocky Mts. of Col.	1-3 in. <i>Sun</i>	June, July
"White"	LARGE-FLOWERED WHITE-WEED	** <i>Chrysanthemum maximum</i>	Single flowers like large Daisies. Long leaves narrow at the base, growing on the lower part of flower stalks. Admirable border plant. Prop. by seed, division, cuttings or suckers.	1 ft. <i>Sun</i>	"

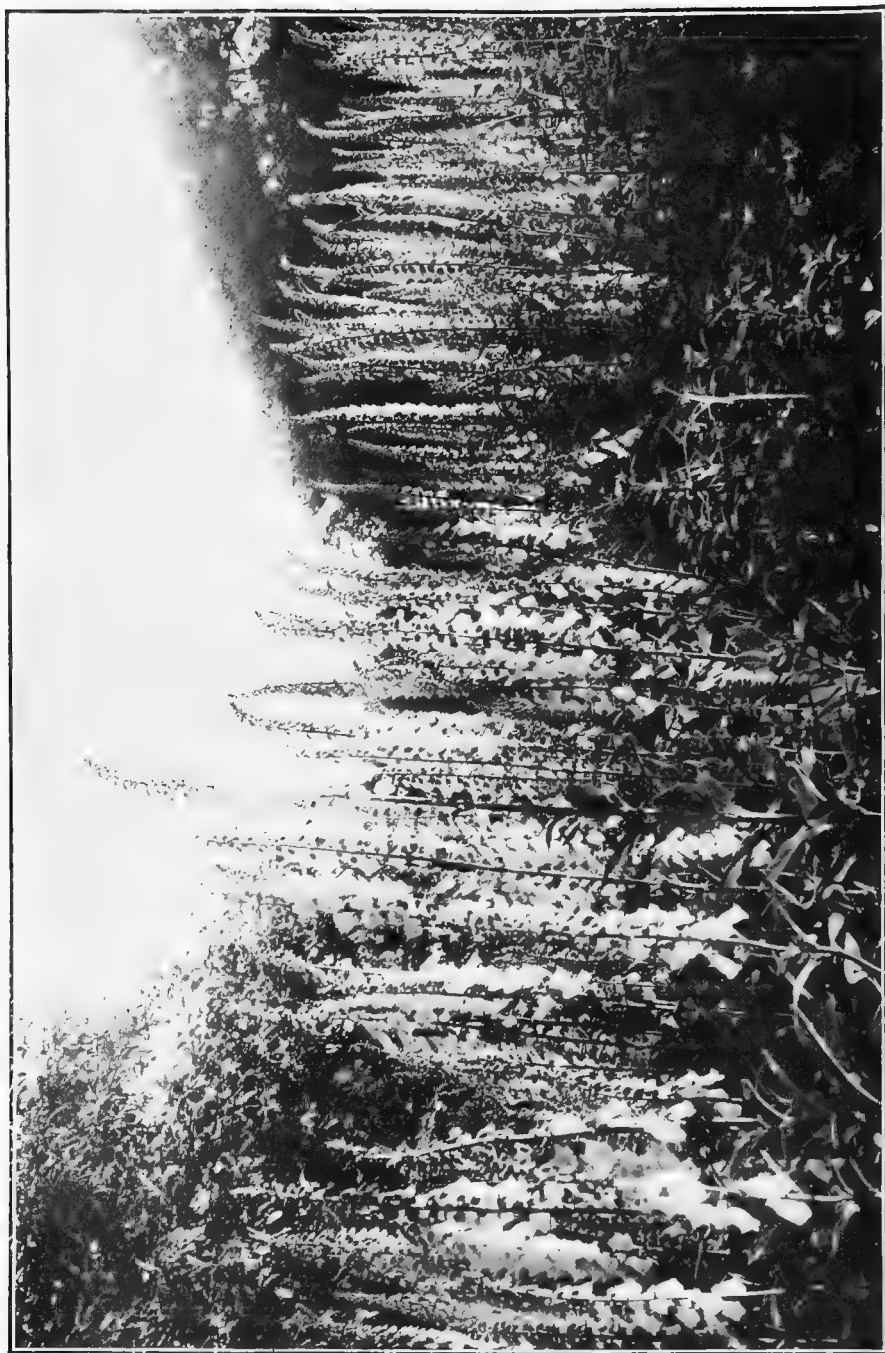


Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	SHASTA DAISY	*Chrysanthemum "Shasta Daisy"	Rich soil. Mulch and water well. Pyrenees. Var. <i>filiformis</i> has thread-like petals. Hort. Var. " <i>Triumph</i> " has larger flowers about 4 in. wide, with broader overlapping petals. Hort.	1-2 ft. Sun	June to Sept.
"White"	TURFING DAISY	*Chrysanthemum Tchihatchewii	A dwarf species of compact tufted habit, bearing a profusion of yellow-centred flowers and finely-divided dark leaves. Excellent for covering dry barren places. Prop. by seed, division or cuttings. Any soil. Siberia.	2-9 in. Sun	June, July
"White"	WHITE HERBACEOUS VIRGIN'S BOWER	**Clematis recta <i>C. erecta</i>	Splendid erect tufted plant. One of the best herbaceous kinds. Profusion of fragrant flowers in broad terminal clusters. Prop. by seed or cuttings. Rich deep soil. S. Europe. Var. <i>latbyrifolia</i> has Pea-leaves. Var. <i>umbellata</i> has flowers in umbels.	2-3 ft. Sun	Early June to mid. July
"White"	RAMONDIA-LIKE CONANDRON	Conándron ramondioïdes	Similar to Dodecatheon. Numerous nodding flowers, sometimes lilac or purple, on erect leafless stems, dark green wrinkled leaves in flat tufts. Plant in shady part of rock garden. Tuberous plant. Moist soil. Japan.	6 in. Half shade	June, July
"White"	LILY-OF-THE-VALLEY	**Convallaria majalis	See page 75.		Mid. May to mid. June
"Greenish white"	DWARF CORNEL, BUNCH-BERRY	Córnus Canadénsis	See page 75 and Plate, page 175.		May, June
"White"	HEART-LEAVED COLEWORT	*Crámbe cordifolia	Effective plant with dense sprays of small fragrant flowers rising above the clump of broad heart-shaped leaves. Suitable for bold effects. Blooms thrd year from seed and then dies. Rich soil. Caucasus.	5-7 ft. Sun	June, July
"White" 36 in effect	SMALL WHITE LADY'S SLIPPER	*Cypripedium cándidum	See page 76.		May to early June
"White"	MOUNTAIN LADY'S SLIPPER OR MOCCASIN FLOWER	*Cypripedium montánum	See page 76.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	SHOWY LADY'S SLIPPER	** <i>Cypripedium spectabile</i> <i>C. reginae</i>	One of the handsomest species. Large flowers variegated with purple stripes. Oval leaves. Protect in winter. Plant in the rock or wild garden. Needs to be watered during flowering season. Prop. by division. Porous moist vegetable or peaty soil. N. Eastern U. S. A.	1-2½ ft. Half shade or shade	June
"White"	SAND PINK	* <i>Diánthus arenarius</i>	Fragrant flowers purple at centres with fringed petals. Excellent for cutting. Good for rock-garden or front of border. Prop. by seed, division or cuttings. Rich light soil. Europe.	1-1½ ft. Sun	Early June to early July
"White" some-times 36	TWO-COLORED PINK	* <i>Diánthus bicolor</i>	Solitary flowers white above and dull gray beneath, on leafy stems. Border plant, also desirable for rock-garden. Prop. by seed, division or cuttings. Rich light soil. S. Russia.	1-2 ft. Sun	June
"White"	PINK MISS SIMKINS	** <i>Diánthus</i> "Miss Simkins"	See page 76.		Late May to late June
"White"	DOUBLE WHITE GARDEN PINKS	** <i>Diánthus plumarius</i> vars. <i>álba plèna</i> & "White Witch"	These vars. are double; otherwise they resemble the type, being fragrant and excellent for cutting. Good border plants. Prop. by cuttings or layers. Rich light soil. Hort.	8-12 in. Sun	June
"White"	SPREADING PINK	* <i>Diánthus squarrosus</i>	Fragrant flowers with toothed petals. Curved grass-like leaves. For border or rock-garden. Prop. best by seed, division or cuttings. Rich light soil. S. Russia.	6 in. Sun	June, July
"White"	WHITE BLEEDING HEART	* <i>Dicentra spectabilis</i> var. <i>álba Dielytra</i> s. var. <i>a.</i>	See page 76.		Late May, June
"White"	GAS PLANT, BURNING BUSH, FRAXINELLA, DITTANY	** <i>Dictamnus álbus</i> <i>D. Fraxinella</i>	Erect bushy plant. Fragrant flowers in racemes surmount the glossy foliage. Should not be crowded or often disturbed. Flowers last well when cut. Effective on margin of shrubbery or in the border. Prop. by seed planted when ripe, or by division. Re-sows itself. Moderately rich heavy soil. Europe; N. Asia.	2-3 ft. Sun or half shade	June, July
"White"	WHITE FOXGLOVE	** <i>Digitális purpurea</i> var. <i>álba D. tomentosa</i> var. <i>álba</i>	Usually biennial. The prettiest var. of <i>D. purpurea</i> . Tubular flowers droop from tall flower stalks. Foliage in clumps at the base. Stately and effective whether grouped among shrubs, in the wild garden, in the border, or naturalized in masses. If cut	2-3 ft. Sun or half shade	June, early July



BUNCH BERRY. *Cornus Canadensis*.



FOX GLOVE VARS. *Digitalis purpurea* vars.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purplish white"	FULLER'S TEASEL	<i>Dipsacus Fullōnum</i>	down it will keep on flowering somewhat through the summer. Prop. by seed and division. Rich light soil preferable. See Plate, page 176.	4-6 ft. <i>Sun</i>	June, July
"White"	MOUNTAIN AVENS	* <i>Dryas octopétala</i>	See page 76.		May, June
"White"	WHITE GREAT WILLOW HERB OR FIRE WEED	* <i>Epilobium angustifolium</i> var. <i>album</i> <i>E. spicatum</i> var. <i>album</i>	Dense bushy plant. Flowers in spikes. Good for cutting. Foliage like that of the Willow. Plant with rough shrubbery or beside water. Prop. by seed or division. Any ordinary soil. N. Amer.	3-5 ft. <i>Sun</i>	June to early Aug.
"Greenish white"	MOTTLED SWAMP-ORCHIS, FALSE LADY'S SLIPPER	<i>Epipactis Royleana</i> <i>E. gigantea</i>	Vigorous Orchid. Five to ten flowers, with deep purple veins; lip tinged with orange or yellow. Sword-shaped leaves. Moist soil in sheltered position. Western U. S. A.; Himalayas.	1-4 ft. <i>Half shade</i>	June, July
"White"	HIMALAYAN EREMURUS	* <i>Eremurus Himalaicus</i>	Very striking plant. Star-shaped flowers in dense spikes 2 ft. long, on stems which rise above the clump of long leaves. Protect crowns in winter and in spring. Group in sheltered situation. Prop. by division. Deep rich sandy loam. Himalayas.	4-8 ft. <i>Sun</i>	"
"White"	HORSE-WEED, BUTTER-WEED	<i>Erigeron Canadensis</i>	Aster-like flowers in panicles borne in profusion. Mass in the wild garden. Prop. by seed or division. Any garden soil. Central N. Amer.	1-4 ft. <i>Sun</i>	June to Sept.
"White"	LARGE WHITE MOUNTAIN DAISY	* <i>Erigeron Coulteri</i>	See page 77.		Late May to late June
"Yellowish white"	RUNNING FLEABANE	* <i>Erigeron flagellaris</i>	See page 77.		Mid. May to late June
"White"	LAVENDER MOUNTAIN DAISY	<i>Erigeron salsuginosus</i> <i>Aster salsuginosus</i>	Aster-like flowers, usually solitary, on somewhat sticky stems. Color varies to lilac. Plant in masses. Prop. by seed or division. Any garden soil. Sierras.	1-1½ ft. <i>Sun</i>	June
"White"	RATTLE-SNAKE-MASTER, BUTTON SNAKE-ROOT	<i>Eryngium aquaticum</i> <i>E. yuccaefolium</i>	Curious and striking plant. Thistle-like flowers on bright steel-blue stems. Long and narrow bristly leaves. Winter protection necessary. Effective in borders. Prop. best by seed. Either dry or moist soil. U. S. A.	2-6 ft. <i>Sun</i>	June to Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE GOAT'S RUE	* <i>Galëga officinàlis</i> var. <i>álba</i> <i>G. Pérsica</i>	Bushy plant with pea-shaped flowers in compact racemes, with graceful luxuriant foliage. Good for cutting. Plant groups in border or wild garden. Prop. by seed and division. Any good soil. Europe.	2-3 ft. <i>Sun or half shade</i>	June, July
"White"	NORTHERN BEDSTRAW	<i>Gàlium boreàle</i> <i>G. septentrionàle</i>	Tiny flowers in small clusters. Showy leaves in regular whorls. Rock-garden or border. Prop. by division. U. S. A.	6-18 in. <i>Half shade</i>	Early June to mid. July
"White"	WHITE OR GREAT HEDGE BEDSTRAW, WILD MADDER	<i>Gàlium Mollugo</i>	Small clusters of tiny blossoms resembling <i>Gypsophila</i> . Good for cutting. Leaves in regular whorls of six to eight. Rock-garden. Prop. by seed and division. Any good soil. Europe.	1-3 ft. <i>Half shade</i>	Early June to late Aug.
"White"	WHITE BLOOD CRANESBILL	* <i>Geràanium sanguineum</i> var. <i>álbum</i>	See page 77.		Late May to mid. July
"White" often near 41	WHITE WATER AVENS OR WATER FLOWER	* <i>Gëum rivàle</i> var. <i>álbum</i>	See page 77.		Late May, June
"White"	AMERICAN IPECAC	* <i>Gillënia stipulàcea</i> <i>Porteràntbus stipulàtus</i>	Charming graceful plant resembling <i>Spiræa</i> . Flowers small in clusters. Foliage deeply divided. Plant in border, shrubbery or wild garden, grouped with Lilies or Irises. Prop. by seed and division. Any garden soil. N. Amer.	2-4 ft. <i>Sun</i>	June, early July
"White"	BOWMAN'S ROOT, INDIAN PHYSIC	* <i>Gillënia trifoliàta</i> <i>Porteràntbus trifoliàtus</i>	Grows wild in rich woods. Closely resembles <i>G. stipulacea</i> , but is rather taller and less compact in habit. For cultivation and location see <i>G. stipulacea</i> . N. Amer.	2-4 ft. <i>Half shade</i>	"
"White"	ELEGANT CHALK-PLANT	* <i>Gypsóphila élegans</i>	A dainty though ineffective plant. Flowers sometimes pink, grow in dense panicles. Foliage inconspicuous. Sprays good for cutting. Rock-garden. Prop. by seed, division or cuttings. Dry soil. Asia Minor.	1 ft. <i>Sun</i>	June, July
"White"	STEVEN'S CHALK-PLANT	* <i>Gypsóphila Stëveni</i> <i>G. glàuca</i>	Flowers larger and in smaller panicles than <i>G. paniculata</i> . Foliage grayish green. Border or rock-garden. Prop. by seed, division or cuttings. Fairly dry garden soil. Caucasus.	1-2 ft. <i>Sun</i>	June, early July
"White"	UMBEL-FLOWERED SUN ROSE	<i>Heliánthemum umbellàtum</i>	Shrubby evergreen plant. Flowers in whorls or umbels. Foliage somewhat sticky, when young, forming a spreading mat. Protect in winter. Rock-garden or border. Prop. by seed or cuttings, but generally by division. Any ordinary soil. Europe.	1-2 ft. <i>Sun</i>	June, July

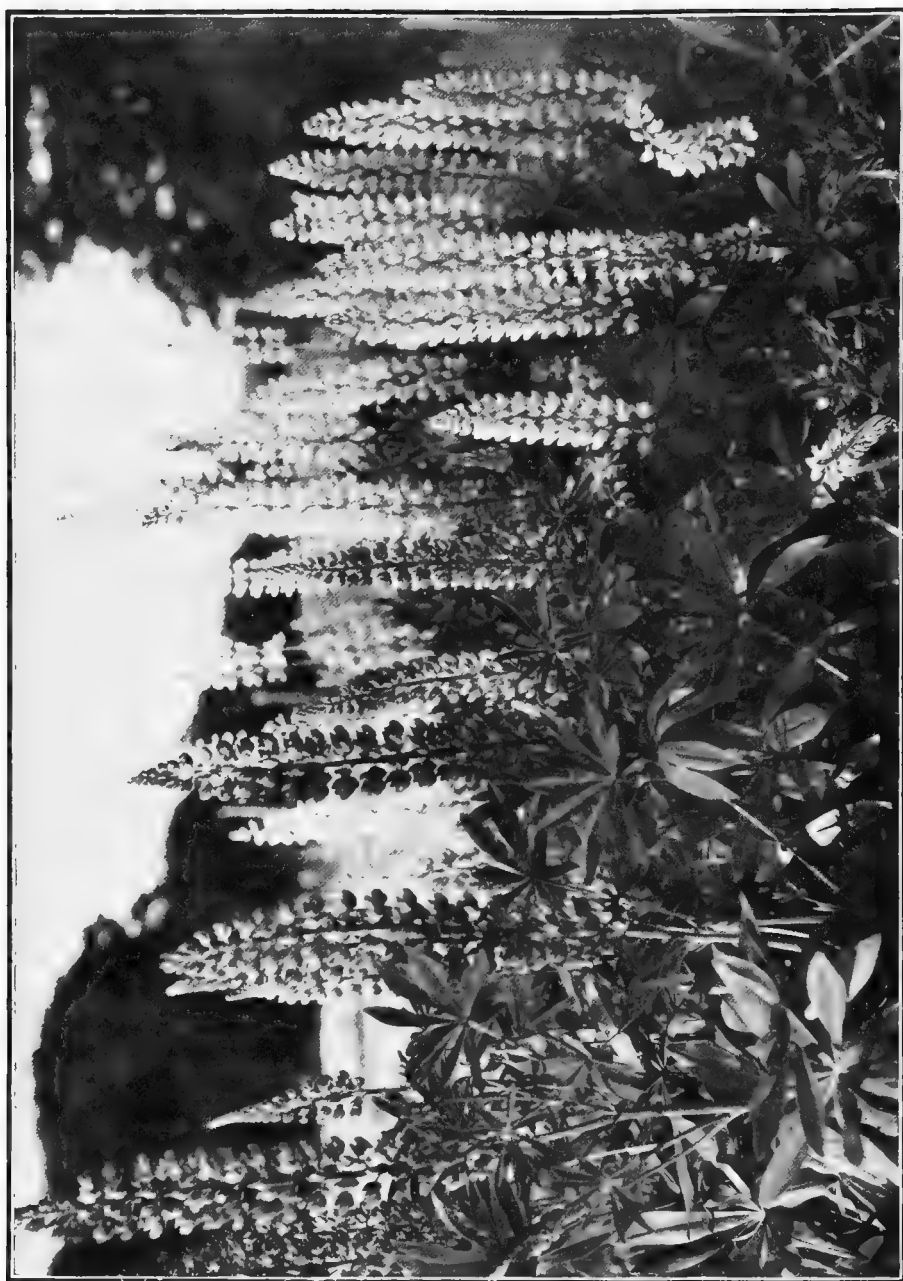
Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	DOUBLE WHITE SWEET ROCKET	* <i>Hesperis matronalis</i> var. <i>álba plena</i>	Showy spikes of double fragrant flowers, borne in profusion. Good to cut. Border or rock-garden. Prop. by seed or division. Rich rather moist soil. Europe.	2-3 ft. Sun	June, July
"White"	WHITE CORAL BELLS	<i>Heuchera sanguinea</i> var. <i>álba</i> <i>H. álba</i>	Not so noticeable as the type. Rather inconspicuous flower-panicles rise from a clump of handsome pale foliage. Good for cutting. Mass in wild garden, rock-garden or among shrubs. Prop. by seed and division. Any soil. Hort.	1-1½ ft. Sun or half shade	June to late Sept.
"Whitish" faintly 32	HAIRY ALUM ROOT	<i>Heuchera villösa</i> <i>H. caulöscens</i>	Small inconspicuous flowers in loose panicles on an almost leafless stalk. Worth growing for its foliage, which lasts long when cut. Border or rock-garden. Prop. by seed and division. Ordinary garden soil. Md. to Ga. and West.	1-3 ft. Sun	Late June to Sept.
"Yellowish white"	ALPINE HUTCHINSIA	* <i>Hutchinsia alpina</i>	See page 77.		May, June
"Cream white"	BROAD-LEAVED WATER-LEAF	<i>Hydrophýllum Canadéense</i>	Grows wild in rich woods. Bell-shaped flowers, sometimes slightly greenish or purplish, in dense clusters. Leaves palmately divided. Good under shrubbery, succeeding remarkably well in shade. Separate occasionally. Prop. by seed and division. Fairly moist soil. N. Amer.	1 ft. Half shade or shade	June, July
"White"	GARREX'S CANDYTUFT	* <i>Ibëris Garrexiana</i>	See page 78.		May, June
"White"	ROCK CANDYTUFT	* <i>Ibëris saxátilis</i>	See page 78.		May, early June
"White"	LEATHERY-LEAVED ROCK CANDYTUFT	* <i>Ibëris saxátilis</i> var. <i>corifölia</i> <i>I. corifölia</i>	See page 78.		May, June
"White"	EVER-GREEN CANDYTUFT	** <i>Ibëris sempërvirens</i>	See page 78.		May, early June
"White"	TENORE'S CANDYTUFT	** <i>Ibëris Tenoreana</i>	See page 78.		"
"White"	FLOREN-TINE FLAG, ORRIS ROOT	** <i>Iris Florentina</i>	See page 78.		"
"White"	WHITE SIBERIAN FLAG	** <i>Iris Sibírica</i> var. <i>álba</i>	See page 81.		Late May to mid. June
"White"	WHITE VARIEGATED NETTLE	<i>Làmium maculátum</i> var. <i>álbum</i> <i>L. álbum</i>	See page 81.		Mid. May to late July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	MADONNA LILY	** <i>Lilium candidum</i>	One of the most familiar and deservedly popular species, though subject to disease. Lovely fragrant flowers in clusters crown an erect leafy stalk. Very effective in small clumps against a dark background of shrubs, in borders, or when edging paths and beds of shrubs, Rhododendrons in particular. Bulbous. Prop. by offsets, scales or very slowly by seed. Rich well-drained soil. Avoid contact with manure. S. Europe. See Plate, page 181.	3-5 ft. <i>Sun or half shade</i>	June, July
"White"	NEVADA OR WASHINGTON LILY	* <i>Lilium Washingtonianum</i>	Lovely fragrant flowers, dotted with purple and often tinged with pink or lilac, grow in elongated racemes. Excellent in clumps against background in border. Bulbous. Prop. by offsets, scales or very slowly by seed. Light well-drained soil. Avoid contact with manure. Cal.	2-5 ft. <i>Sun or half shade</i>	June
"White"	WHITE PERENNIAL FLAX	* <i>Linum perenne</i> var. <i>album</i>	See page 81.		Mid. May to Aug.
"White"	WHITE MANY-LEAVED LUPINE	** <i>Lupinus polyphyllus</i> var. <i>albiflorus</i> <i>L. p. var. albus</i> , <i>L. grandiflorus</i> var. <i>albus</i>	Pea-shaped flowers in long spikes rise above the handsome clump of satiny palmate leaves. Effective for border and naturalizing. Prop. by seed and division. Any garden soil. Cal. See Plate, page 182.	2-5 ft. <i>Sun</i>	June, July
"White"	SINGLE & DOUBLE WHITE MALTESE CROSS	** <i>Lýchnis Chalcedónica</i> vars. <i>álba</i> & <i>álba plena</i>	Var. <i>álba plena</i> much superior to the single var. Clusters of double flowers on leafy stalks. Excellent in the border. Prop. in spring by seed and division. Rich sandy loam. Var. <i>álba</i> , a less effective species. Russia.	2-3 ft. <i>Sun</i>	June to early Aug.
"White"	WHITE MULLEIN PINK OR DUSTY MILLER	* <i>Lýchnis coronària</i> var. <i>álba</i>	Woolly plant with striking mullein-like foliage. Solitary flowers terminate spikes of pale silvery leaves. Border. Prop. in spring by seed and division. Any good soil. Europe.	1-2½ ft. <i>Sun</i>	June, July
"White"	SIEBOLD'S LYCHNIS	* <i>Lýchnis coronàta</i> var. <i>Sieboldii</i> <i>L. Sieboldii</i> , <i>L. fulgens</i> , var. <i>Sieboldii</i>	Tender. Very large flowers generally borne in loose panicles. Foliage downy. Showy in the border. Protect slightly in winter. Prop. in spring by seed and division. Light rich soil. Japan; China.	1-1½ ft. <i>Sun or half shade</i>	"
"White"	JAPANESE LOOSE-STRIPE	** <i>Lysimàchia clethroides</i>	Graceful plant with long nodding spikes of starry flowers. Good for cutting. Foliage when dying varies in tint. Good in the border. Prop. by seed and division. Any ordinary soil. Japan.	2-3 ft. <i>Sun</i>	Mid. June to late July





MADONNA LILY. *Lilium candidum*.



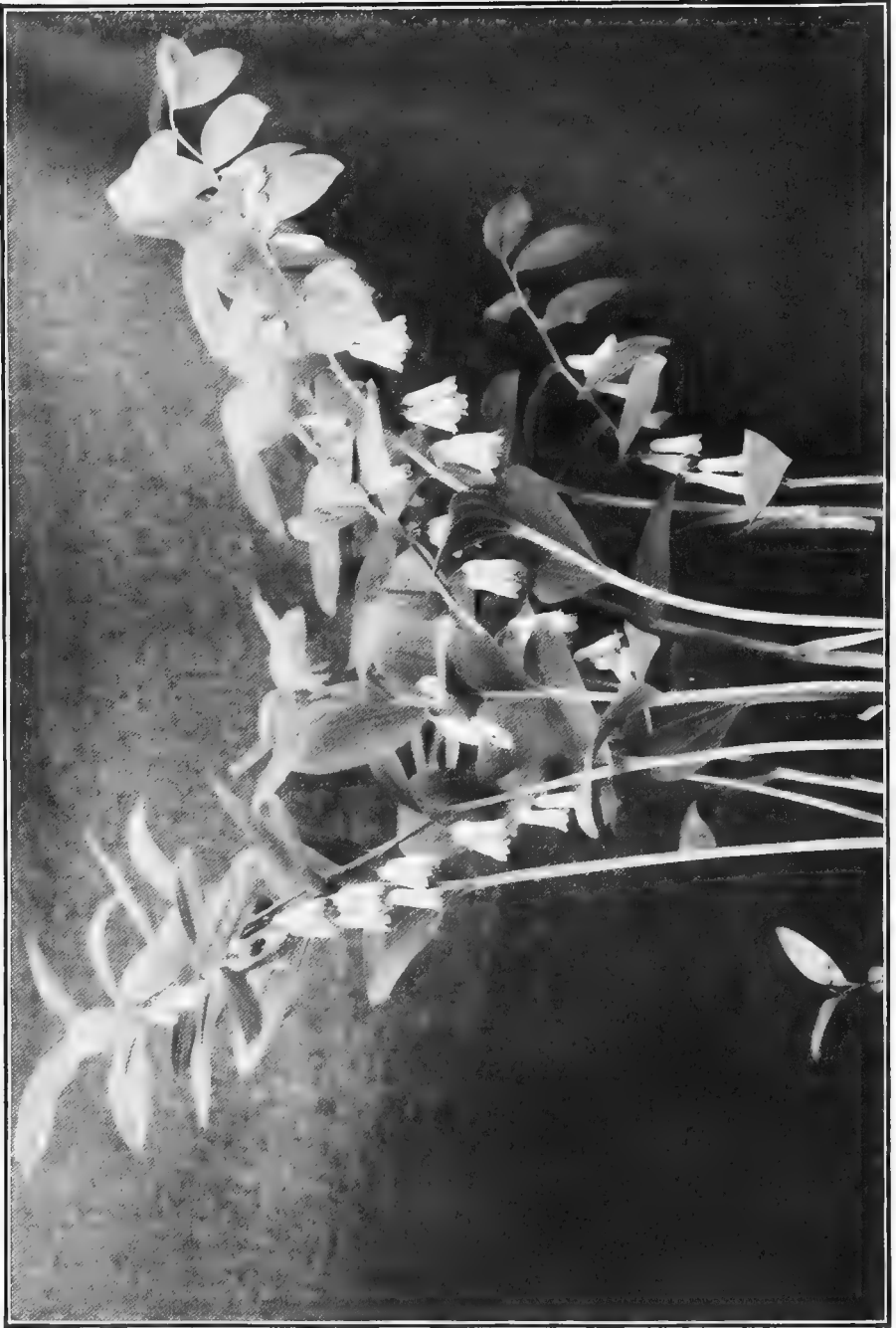
MANY-LEAVED LUPINE VARS. *Lupinus polyphyllus* vars.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	DOUBLE SCENTLESS CAMOMILE	* <i>Matricaria inodora</i> var. <i>plenissima</i> <i>M. i.</i> var. <i>ligulosa</i> , var. <i>multiplex</i> , <i>M. grandiflora</i> , <i>Chrysanthemum inodorum</i> var. <i>florè-plèno</i>	Creeping plant growing freely in dense masses. Chrysanthemum-like flowers, numerous and good for cutting. Finely divided feathery foliage. Good carpeting for border. Prop. by division and cuttings. Any garden soil. Hort.	12-18 in. Sun	June to Sept.
"Yellowish white"	BALM	<i>Melissa officinalis</i>	Grown for its fragrance. Flowers in clusters. Good for naturalization. Var. <i>variegata</i> is used for edging. Prop. by seed and division. Warm soil. S. Europe.	1-2 ft. Sun	June to early Aug.
"Whitish"	VARIEGATED ROUND-LEAVED MINT	<i>Mentha rotundifolia</i> var. <i>variegata</i>	Leaves variegated with pale yellow. Flowers unimportant. Ornamental foliage its chief attraction. Useful for edging and for covering waste places. Prop. by division. Moist peaty soil. S. Europe.	1-2 ft. Sun	June, July
"White"	PARTRIDGE BERRY, SQUAW-BERRY	<i>Mitchella repens</i>	Familiar little trailing evergreen. The tiny funnel-shaped flowers, borne in pairs, are less conspicuous than the succeeding bright red berries. Foliage glossy and pretty. Charming carpeting for rock-garden. Prop. by division. Sandy peaty soil. Eastern N. Amer. See Plates, page 185.	2-3 in. Half shade	June
"White"	WHITE WOOD FORGET-ME-NOT	* <i>Myosotis sylvatica</i> var. <i>alba</i>	See page 81.		May, early June
"White" turns to 36	STEMLESS EVENING PRIMROSE	* <i>Oenothera acaulis</i> <i>O. Taraxacifolia</i>	See page 82.		Late May to Aug.
"White"	TUFTED EVENING PRIMROSE	* <i>Oenothera caespitosa</i> <i>O. eximea</i> , <i>O. marginata</i>	See page 82.		Late May, June
"White"	COMMON STAR-OF-BETHLEHEM, TEN-O'CLOCK	<i>Ornithogalum umbellatum</i>	See page 85.		May, June
"White"	ALLEGHANY MOUNTAIN SPURGE	<i>Pachysandra procumbens</i>	See page 85.		Late May, early June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	JAPANESE EVER-GREEN PACHY-SANDRA OR SPURGE	<i>Pachysandra terminalis</i>	See page 85.		Late May to mid. June
"White"	HERBACEOUS PEONY	** <i>Pæonia</i> vars.	See color "various," page 268		June
"White"	WHITE-FLOWERED PEONY	** <i>Pæonia albiflora</i> <i>P. edulis</i>	See page 85.		Late May, June
"White"	POPPY-FLOWERED TREE PEONY	<i>Pæonia Moután</i> var. <i>papaveracea</i> <i>P. arborea</i> var. <i>p.</i>	See page 85.		Mid. May to mid. June
"White"	STRIPED TREE PEONY	<i>Pæonia Moután</i> var. <i>vittata</i> <i>P. arborea</i> var. <i>v.</i>	See page 85.		"
"White"	COMMON DOUBLE WHITE PEONY	<i>Pæonia officinalis</i> var. <i>álba plèna</i>	See page 86.		"
"White"	ALPINE POPPY	** <i>Papàver alpinum</i>	See page 86.		Mid. May to early June
"White"	WHITE ICELAND POPPY	** <i>Papàver nudicaule</i> var. <i>álbum</i>	See page 19.		Late Apr. to mid. June, late Aug., Sept.
"Silvery white"	ORIENTAL POPPY SILVER QUEEN	** <i>Papàver orientale</i> "Silver Queen"	Low-growing var., with pale silvery pink flowers and handsome foliage, which dies in middle of summer. Excellent for border if supplemented by other later blooming plants. Prop. by seed or division after flowering. Hort.	3-3½ ft. Sun	Early June to early July
"White"	AMERICAN FEVERFEW, PRAIRIE DOCK	<i>Parthènum integrifolium</i>	Numerous heads of flowers which last a long time in good condition. Large foliage at base of plant. Good for margin of shrubbery. N. Amer.	3-4 ft. Sun	June to Sept.
"White" 1	DOWNY PATRINIA	<i>Patrínia villòsa</i>	See page 86.		May, June
"White"	HARMALA RUE	<i>Peganum Harmala</i>	Uncommon and low-branching. Flowers fairly large, veined with green. Rock-garden. Prop. by root division. Light soil. Europe.	6-8 in. Sun	June, July



PARTRIDGE BERRY. *Mitchella repens*.



SOLOMON'S SEAL. *Polygonatum multiflorum*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	FOXGLOVE BEARD-TONGUE	** <i>Pentstemon lævigatus</i> var. <i>Digitalis</i> <i>P. Digitalis</i>	Erect free-growing and slender plant. Tube-shaped flowers marked with purple, about 1 in. long, grow in long loose clusters. Protect in winter. Good border plant. Prop. by seed and division. Any good garden soil. U. S. A.	3-4 ft. <i>Sun</i>	Early June to mid. July
"White"	WHITE BALLOON FLOWER	** <i>Platycodon grandiflorum</i> var. <i>album</i> <i>Campanula</i> g. var. <i>alba</i> , <i>Wahlenbergia</i> g. var. <i>a.</i>	Sturdy bushy plant. Showy open bell-shaped flowers 2-3 in. across, very numerous at the summit of erect leafy stalks. Very useful border plant. Prop. in the spring by seed or division. Well-drained loamy soil. China; Japan.	1-3 ft. <i>Sun or half shade</i>	June to Oct.
"White"	HIMALAYAN MAY APPLE	* <i>Podophyllum Emodi</i>	See page 86.		Late May, June
"White"	WHITE JACOB'S LADDER OR CHARITY	* <i>Polemonium caeruleum</i> var. <i>album</i>	See page 89.		Mid. May to July
"Greenish white"	GREAT OR SMOOTH SOLOMON'S SEAL	<i>Polygonatum giganteum</i> <i>P. commutatum</i>	See page 89.		Late May, June
"White"	SOLOMON'S SEAL	<i>Polygonatum multiflorum</i>	See page 89 and Plate, page 186.		Late May, early June
"White"	THREE-TOOTHED CINQUE-FOIL	<i>Potentilla tridentata</i>	See page 89.		"
"White"	WHITE JAPANESE PRIMROSE	* <i>Primula japonica</i> var. <i>alba</i>	White var. very similar to the type. Excellent for border, wild or rock-garden. Prop. generally by seed. Soil moist and deep. Hort.	1-2 ft. <i>Shade</i>	June, July
"White"	ROUND-LEAVED WINTER-GREEN, INDIAN LETTUCE	<i>Pyrrola rotundifolia</i>	Wild evergreen, common in damp or sandy woods, difficult to cultivate. Resembles Lily-of-the-Valley. Fragrant flowers, sometimes pink, borne in racemes, rise on erect stems from tufts of round leathery leaves. Bog or rock-garden or under shade of evergreens. Prop. by division. Peaty soil. Eastern U. S. A.	6-12 in. <i>Shade</i>	"
"White"	WHITE ROSETTE MULLEIN	* <i>Ranonda Pyrenaica</i> var. <i>alba</i>	See page 89.		Mid. May to July
"White"	ACONITE-LEAVED BUTTERCUP	* <i>Ranunculus aconitifolius</i>	See page 89.		"
"White"	WHITE BUTTERCUP OR CROWFOOT	* <i>Ranunculus amplexicaulis</i>	See page 89.		May, early June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Green"	PYRENEAN MIGNONETTE	<i>Resèda glauca</i>	Spreading plant with spikes of small flowers and somewhat shiny leaves. Margin of border or elevated position in rock-garden. Flourishes in dry soil. Pyrenees.	10-12 in. <i>Sun</i>	June, July
"White"	RODGER'S BRONZE-LEAF	<i>Rodgersia podophylla</i>	Rather inconspicuous plummy panicles of small flowers. Strikingly large leaves somewhat bronze-colored cut into five divisions. Prop. by cuttings. Peaty soil. Japan.	3-4 ft. <i>Sun</i>	June, early July
"White"	SILVERY CLARY, SILVER-LEAVED SAGE	* <i>Sálvia argentea</i>	Noteworthy for its silvery foliage. Irregular downy tubular flowers. Leaves woolly. Prop. by seed in spring. Deep rich well-drained soil. S. Europe.	2-4 ft. <i>Sun</i>	"
"White"	WHITE MEADOW SAGE	* <i>Sálvia pratensis</i> var. <i>álba</i>	Flowers 1 in. long clustered in whorls. Leaves heart-shaped and wrinkled. Border or wild garden. Prop. by seed. Good garden soil. Europe.	2-3 ft. <i>Sun</i>	"
"Whit-ish"	CANADIAN OR WILD BURNET	<i>Sanguisórba Canadensis</i>	Wild herb, seldom cultivated. Flowers in round heads about 4 in. wide. Small leaves in profusion. Border. Prop. by seed. Any soil, preferably poor. Western U. S. A.	5-6 ft. <i>Sun</i>	Mid. June to late July
"Green-ish"	BURNET	<i>Sanguisórba minor</i> <i>Potérimum Sanguisórba</i>	Round or elongated flower heads terminate tall stems. Border. Prop. by seed. Any soil, preferably poor. Europe; Asia.	1-2½ ft. <i>Sun or half shade</i>	Late June to mid. July
"Cream white"	LIVELONG SAXIFRAGE OR ROCKFOIL	* <i>Saxífraga Aizöon</i> <i>S. rosuláris</i> , <i>S. récta</i>	Small flowers in clusters surmount a tall stalk rising from a rosette of silvery leaves. Foliage striking. Rock-garden and edge of border. Prop. by seed and division. Light well-drained soil. Europe; N. Amer.	6-15 in. <i>Sun or shade</i>	June
"White"	ANDREW'S SAXIFRAGE	* <i>Saxífraga Andrewsii</i>	See page 90		Late May, June
"White"	PYRAMIDAL COTYLEDON SAXIFRAGE	* <i>Saxífraga Cotylèdon</i> var. <i>pyramidális</i>	A vigorous var.: numerous flowers in pyramidal panicles rise on a tall stalk far above a pretty rosette of silvery leaves. Rock-garden. Protect with leaves in winter. Prop by seed and division. Mts., Europe.	1-2 ft. <i>Sun or shade</i>	June, July
"White" or 25 pale	UMBRELLA PLANT	* <i>Saxífraga peltàta</i>	See page 90.		Late May, early June
"Dull white"	EARLY SAXIFRAGE	<i>Saxífraga Virginiénsis</i>	See page 20.		Apr. to late June



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE CAUCASIAN SCABIOUS	* <i>Scabiosa Caucásica</i> var. <i>álba</i>	Free blooming vigorous plant. Flowers in flat heads on long slender stems. Good for cutting. Sparse grayish foliage. Border or picking garden. Protect in winter. Prop. by seed and division. Fairly good garden soil. Hort.	1½-2 ft. Sun	June, July
"White"	WHITE WOODLAND SCABIOUS	* <i>Scabiosa sylvática</i> var. <i>albiflora</i>	Thick bushy plant with large leaves. The flowers are produced singly on long stems and are useful for cutting. Prop. by seed. Grows well in any ordinary garden soil. Europe.	1-2 ft. Sun	Early June to late Sept.
"White"	WHITE WOOD HYACINTH	* <i>Scilla festalis</i> var. <i>álba</i> <i>S. nutans</i> var. <i>álba</i>	See page 90.		May, early June
"White"	WHITE SPANISH OR BELL-FLOWERED SQUILL, WHITE SPANISH JACINTH	** <i>Scilla Hispánica</i> var. <i>álba</i>	See page 90.		Late May, June
"White"	MONRE-GALENSIS STONECROP	<i>Sedum Monregalense</i> <i>S. cruciatum</i>	Small flowers. Leaves cross-shaped. Good for rock-garden or front of border. Corsica; N. Italy.	6 in. Sun	June, July
"Greenish"	ROSEROOT, ROSEWORT	<i>Sedum roseum</i> <i>S. Rhodiola</i>	Flowers, sometimes tinged with red, in small flat clusters. Foliage sparse. Root aromatic. Rock-garden or edging. Prop. by seed and offsets. Sandy soil. Europe; Asia; N. Amer.	6-8 in. Sun	"
"White"	AMERICAN ORPINE	* <i>Sedum telephoides</i>	Excellent foliage. Flowers in close clusters. Glossy green leaves in dense rosettes. Good to naturalize in dry rocky places. Prop. by seed and offsets. S. Alleghanies.	6-12 in. Sun	June
"White"	GALAX-LEAVED SHORTIA	<i>Shórtia galacifolia</i>	See page 90.		May, June
"White"	WHITE SIDALCEA	* <i>Sidálcea cándida</i>	Erect somewhat branching plant. Flowers 1 in. wide in tall spikes, like racemes. Blooms profusely. Border. Prop. by seed and division. Any garden soil. Rocky Mts.	2-3 ft. Sun	June
"White"	ALPINE CATCHFLY	<i>Silène alpestris</i>	See page 90.		May, June
"White"	CAUCASIAN CATCHFLY	* <i>Silène Caucásica</i>	See page 93.		Late May, June
"White"	DOUBLE SEASIDE CATCHFLY	* <i>Silène marítima</i> var. <i>florè-plèno</i>	Rambling trailer. Double flowers larger than the type, but few on a stem. Border, rock-garden or edging. Prop. by cuttings.	6-8 in. Sun	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Cream white"	FALSE SOLOMON'S SEAL	* <i>Smilacina racemosa</i>	See page 93 and Plate, page 191.		May, June
"White"	GOAT'S BEARD	** <i>Spiræa Aruncus sylvestris</i>	Erect branching herb growing wild in rich woods. Abundant flowers in plummy panicles. Handsome compound foliage, invaluable for rough places and grouped with foliage plants. Prop. by division. Any soil. N. Europe; Asia; N. Amer.	3-5 ft. Sun or shade	June, early July
"Creamy white"	ASTILBE-LIKE MEADOW SWEET	** <i>Spiræa astilboides</i> <i>S. Aruncus</i> var. <i>u.</i> , <i>Aruncus u.</i> , <i>Astilbe a.</i> , <i>A. Japonica</i>	Not so tall as <i>S. Aruncus</i> and of neater habit. Flowers in graceful plumes. Foliage compound, dark, glossy and exceedingly decorative. Effective in border or as a high edging. Prop. by seed and division. Garden soil preferably moist. Japan. Var. <i>floribunda</i> ; vigorous; flowers profusely.	2 ft. Sun or half shade	"
"Creamy white"	FINGERED SPIRÆA	* <i>Spiræa digitata</i>	Closely related to <i>S. palmata</i> . Flowers in broad feathery clusters on erect stems. Tufted root leaves, much divided. Charming for border or water-side. Prop. by seed and division. Fairly rich moist soil. E. Siberia.	1-3 ft. Half shade	Early June to early July
"Yellowish white"	DROPWORT	* <i>Spiræa Filipendula hexapétala</i> , <i>Ulmària Filipendula</i>	Tufted plant. Tiny fragrant flowers often tipped with red, grow in loose irregular clusters. Fern-like foliage. Border or for edging beds of shrubs. Prop. by division. Rather dry soil. Europe; Asia. Var. <i>flore-pleno</i> , flowers double.	1-2½ ft. Sun	June, early July
"Muddy white"	WHITE PALMATE-LEAVED MEADOW SWEET	* <i>Spiræa palmata</i> var. <i>álba</i>	Broad clusters of feathery flowers borne on erect stems. Tufted root-leaves, lighter green than the type, palmately divided. Charming for border or water side. Prop. by seed and division. Fairly rich moist soil. Japan.	1-3 ft. Half shade	Late June, July
"Cream white"	ENGLISH MEADOW SWEET, MEADOW QUEEN, HONEY SWEET	* <i>Spiræa Ulmària Filipendula</i> , <i>Ulmària</i> , <i>Ulmària pentapétala</i> , <i>U. palustris</i>	Less beautiful than many other <i>Spiræas</i> . Fragrant flowers in thick clusters. Leaves sometimes silvery and hairy beneath. Good for rough places. Prop. by seed and division. Moist rich soil. Europe; W. Asia. Var. <i>aurea variegata</i> ; (color no. 2), foliage variegated with creamy yellow; decorative. Var. <i>flore-pleno</i> , double flowers.	2-4 ft. Half shade	June, July
"White"	EASTER BELL, GREATER STITCH-WORT OR STARWORT, ADDER'S MEAT	* <i>Stellària Holostèa Alsine Holostèa</i>	See page 93.		Mid. May to mid. June



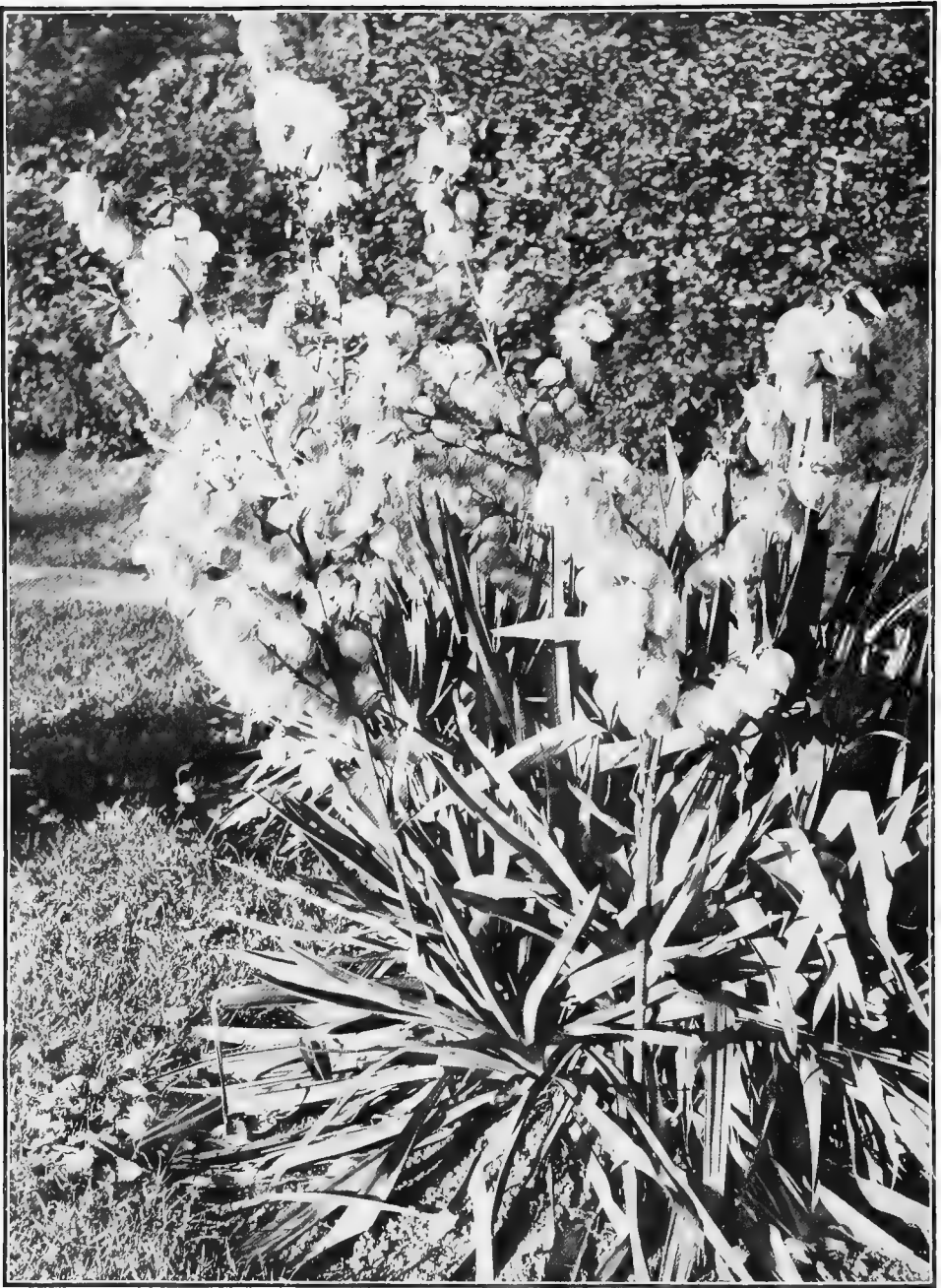
FALSE SOLOMON'S SEAL. *Smilacina racemosa*.



WHITE BIRD'S-FOOT VIOLET. *Viola pedaea* var. *alba*.



CANADA VIOLET. *Viola Canadensis*. 191



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Creamy white" often 37	COMMON COMFREY	<i>Symphytum officinale</i>	See page 93.		Late May to mid. July
"White"	FEATHERED COLUMBINE	* <i>Thalictrum aquilegifolium</i>	See page 93.		"
"White"	PURPLISH MEADOW RUE	<i>Thalictrum purpurascens</i> <i>T. purpureum</i> (Hort.)	See page 93.		Mid. May to July
"White"	MOUNTAIN BROOM-WORT	<i>Thlaspi alpestre</i>	See page 93.		May, June
"White"	MOUNTAIN WILD THYME	<i>Thymus Serpyllum</i> var. <i>montanus</i> <i>T. montanus</i> , <i>T. Chamædrys</i>	Creeping evergreen with longer branches than the type. Tiny flowers in clusters. Leaves small and rather woolly. Useful for covering bare places and in rock-garden. Prop. by division, occasionally by seed. Europe.	1-2 in. Sun	Early June to mid. Aug.
"White"	WHITE SPIDER-WORT	* <i>Tradescantia Virginiana</i> var. <i>alba</i>	See page 94.		Late May to late Aug.
"Yellowish white" 2	HUNGARIAN CLOVER	<i>Trifolium Pannonicum</i>	Effective herb. Terminal flowers on unbranching stems. Clover-like foliage. Border. Prop. by seed and division. Any soil. Europe; Asia.	1-2 ft. Sun	Late June to mid. July
"White"	NODDING WAKE-ROBIN	<i>Trillium cernuum</i>	See page 20.		Late Apr. to early June
"White"	WHITE ILL-SCENTED WAKE-ROBIN	* <i>Trillium erectum</i> var. <i>album</i>	See page 20.		"
"White" turns to 36	LARGE-FLOWERED WAKE-ROBIN	** <i>Trillium grandiflorum</i>	See page 94.		May to early June
"White"	AMERICAN BARREN-WORT	* <i>Vancouveria hexandra</i> <i>Epimedium h.</i>	See page 94.		May, June
"White"	WHITE SPIKE-FLOWERED SPEEDWELL	** <i>Veronica spicata</i> var. <i>alba</i>	Dense spikes of free-blooming long-continuing flowers. Excellent in border. Prop. by division. Garden soil. Europe; Asia.	2-2½ ft. Sun	Early June, July
"White" tinged with 43	CANADA VIOLET	<i>Viola Canadensis</i>	See page 23 and Plate, page 191.		Late Apr. to mid. June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE HORNE VIOLET OR BEDDING PANSY	** <i>Viola cornuta</i> var. <i>alba</i>	See page 23.		Late Apr. until frost
"White"	WHITE BIRD'S-FOOT VIOLET	<i>Viola pedata</i> var. <i>alba</i>	See page 95 and Plate, page 191.		May, June
"Yellowish white" 2	TURKEY'S BEARD	<i>Xerophyllum setifolium</i> <i>X. asphodeloides</i>	See page 95.		"
"Creamy white" 2 greener	ADAM'S NEEDLE, BEAR OR SILK GRASS, THREADY YUCCA	** <i>Yucca filamentosa</i>	Of tropical appearance. Large pendent bell-shaped flowers are clustered thickly on a branching stalk which rises high above a large clump of sword-like foliage. Effective and beautiful grouped against a dark background in the border or shrubbery. Resists drought. Prop. by division of root-stock. Light well-drained soil preferred. U. S. A. See Plate, page 192. Var. <i>filamentosa bicolor</i> , foliage striped with white.	6 ft. Sun	June, July
"Yellow" 5	WOOLLY-LEAVED MILFOIL	* <i>Achillea tomentosa</i>	See page 96.		Late May to mid. Sept.
"Yellow" 4 pale	PYRENEAN MONKSHOOD	<i>Aconitum Anthora</i> <i>A. Pyrenaicum</i>	Helmet-shaped flowers, fairly large in racemes. Leaves deeply divided, smooth above, hairy beneath. Root poisonous. Border plant. Prop. by seed or division. Rich soil preferable. S. Europe.	1-2 ft. Sun or half shade	June, July
"Yellow" 4	PIGMY SUN-FLOWER	<i>Actinella grandiflora</i>	Very downy plant somewhat branching. Flower heads 3 in. across. Pretty for rock-garden. Prop. by seed or division. Light soil. Col.	6-12 in. Sun	June, early July
"Yellow" 6	SILVERY MADWORT	<i>Alýssum argéntium</i> <i>A. alpestre</i>	Compact dwarf plant. Flowers in dense clusters. Leaves small and white beneath. Rock-garden and border. Prop. by seed, division and cuttings. Any well-drained garden soil. Europe.	12-15 in. Sun	June to early Aug.
"Yellow" 4	BEAKED MADWORT	<i>Alýssum rostrátum</i> <i>A. Wierzbickii</i>	Alpine plant of compact habit. Flowers in dense heads. Foliage hairy. Good rock-plant. Prop. by seed, division and cuttings. Any well-drained garden soil. Asia Minor.	12-15 in. Sun	Early June to early Aug.
"Yellow" 5	GOLDEN MARGUERITE	* <i>Ánthemis Kélmwayi</i> <i>A. tinctoria</i> var. <i>Kélmwayi</i>	Dense bushy plant with a very long blooming season. Daisy-like flowers of a richer yellow than <i>A. tinctoria</i> with more finely cut foliage. Good for cutting and for the border. Prop. by seed or division. Any soil. Hort.	2-3 ft. Sun	Mid. June to Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 2, centre 6	GOLDEN MARGUE- RITE, ROCK CAMOMILE	* <i>Anthemis</i> <i>tinctoria</i>	See page 96.		Mid. May to Oct.
"Yellow" 2	YELLOW CANADIAN COLUMBINE	* <i>Aquilegia</i> <i>Canadensis</i> var. <i>flaviflora</i> <i>A. C. var.</i> <i>flavescens</i> , <i>A.</i> <i>carulea</i> var. <i>f.</i>	See page 24.		Late Apr. to early July
"Yellow" 3 & 2	GOLDEN- SPURRED COLUMBINE	** <i>Aquilegia</i> <i>chrysantha</i> <i>A. leptoceras</i> var. <i>c.</i>	See page 96.		Late May to late Aug.
"Yellow" 4	TRUE ASPHODEL, KING'S SPEAR	* <i>Asphodeline</i> <i>lutea</i> <i>Asphodelus</i> <i>luteus</i>	The Asphodel of the ancients. Flow- ers in tall spikes 1 ft. long. Foliage grass-like and glossy, attached to the flower stalk. Attractive in clumps and good for cutting. Prop. by seed and division. Any ordinary garden soil. Mediterranean Region.	2-4 ft. <i>Sun or</i> <i>half</i> <i>shade</i>	June, July
"Yellow" 4	YELLOW MILK VETCH	<i>Astragalus</i> <i>alopecuroides</i>	Leguminous plant. Flowers in pretty spikes. Foliage slightly hairy. Appropriate for the rock-garden or border. Prop. by seed. Rather light soil. Siberia.	2-5 ft. <i>Sun</i>	"
"Yellow"	CHINESE MILK VETCH	<i>Astragalus</i> <i>Chinensis</i>	Creeping plant with pinnate leaves. Thrives in the rock-garden and covers the rocks well. China.	4-5 ft. <i>Sun</i>	"
"Yellow"	GALEGA- LIKE MILK VETCH	<i>Astragalus</i> <i>galegiflorus</i>	Erect plant. Profusion of pale drooping flowers in long clusters. Compound leaves. Plant in wild garden. Prop. by seed just ripe, also by division. Light soil, rather dry. Siberia.	3-5 ft. <i>Half</i> <i>shade</i>	Early June to early July
"Yellow" 6	WILLOW- LEAVED OX-EYE	* <i>Bupthál-</i> <i>mum</i> <i>salicifolium</i> <i>B. grandiflora</i>	Showy plant of compact habit. Solitary flowers with long rays, nu- merous and large. Leaves scattered along the flower stalks. Good for cut- ting. Prop. by division. Any soil. Europe; W. Asia.	18 in. <i>Sun or</i> <i>shade</i>	June, July
"Yellow" 6	SHOWIEST OX-EYE	* <i>Bupthál-</i> <i>mum</i> <i>speciosissimum</i>	Terminal solitary flowers with long rays. Pointed heart-shaped leaves. Good for shrubbery and border. Prop. by division. Any ordinary garden soil. Europe; W. Asia.	2-5 ft. <i>Sun or</i> <i>shade</i>	"
"Yellow" 5	SHOWY OX-EYE	* <i>Bupthál-</i> <i>mum</i> <i>speciosum</i> <i>B. cordifolium</i>	Vigorous showy plant. Large daisy- like flowers. Large heart-shaped leaves, mostly at the base of the plant. Good for shrubbery and border. Prop. by division. Any soil. Central Europe.	3-4 ft. <i>Sun or</i> <i>shade</i>	"
"Yellow" 1 & 21 light	LEMON- COLOR MOUNTAIN BLUET	<i>Centaurea</i> <i>montana</i> var. <i>citrina</i> <i>C. m. var.</i> <i>sulphurea</i>	See page 99.		Late May to early July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pale yellow" 4 very pale	ALPINE CEPHALARIA	* <i>Cephalaria alpina</i>	Appearance rather coarse but an excellent border plant, with showy scabious-like flowers. Prop. by seed. Any good soil. Greece; the Alps.	5 ft. <i>Sun</i>	Late June to late July
"Greenish yellow" 2 greener	YELLOW CLINTONIA	<i>Clintonia borealis</i> <i>Smilacina b.</i>	See page 99.		May, early June
"Yellow" 3	GOLD JOINT	<i>Chrysogonum Virginianum</i>	A profusely blooming dwarf plant suitable for sunny borders. The flowers are produced singly. Prop. by division in spring and runners. Loamy soil mixed with leaf mold and peat is desirable. Penn. and South.	1 ft. <i>Sun</i>	June, July
"Yellow" 5	LARGE- FLOWERED TICKSEED	** <i>Coreopsis grandiflora</i>	Daisy-like showy flowers, larger than other garden species, few on a stem and lasting a long time. Foliage small. Excellent for cutting. A group forms a bright mass of color in the border. Prop. by seed or division. Any soil. Southern U. S. A.	1-2 ft. <i>Sun</i>	June to Sept.
"Yellow" 6	LANCE- LEAVED TICKSEED	** <i>Coreopsis lanceolata</i>	Resembles <i>C. grandiflora</i> with smaller flowers; yellow or brown centres and broad rays, flowers solitary on the stalks which rise high above the dense tufts of glossy foliage. Good for cutting. Border. Prop. by seed or division. Any ordinary garden soil. Eastern States.	1-2 ft. <i>Sun</i>	"
"Yellow" 5	STIFF TICKSEED	* <i>Coreopsis palmata</i> <i>C. præcox</i>	Flowers, $1\frac{1}{2}$ - $2\frac{1}{2}$ in. across, have brown or yellow centres with lemon rays. Border plant. Prop. by seed or division. Ordinary garden soil. Middle U. S. A.	$1\frac{1}{2}$ -3 ft. <i>Sun</i>	June, July
"Golden yellow" 4	NOBLE FUMITORY	* <i>Corýdalis nobilis</i> <i>Fumaria n.</i>	See page 99.		May, early June
"Bright yellow" 2 deep & dull	SMALL YELLOW LADY'S SLIPPER	* <i>Cypripedium parviflorum</i>	See page 99.		May, June
"Pale yellow" 2 deep & dull	LARGE YELLOW LADY'S SLIPPER	** <i>Cypripedium pubescens</i> <i>C. parviflorum</i> , <i>C. hirsutum</i>	See page 99.		"
"Yellow" 2	ZALIL'S LARKSPUR	* <i>Delphinium Zalil</i> <i>D. sulphureum</i> , <i>D. hybridum</i> var. <i>sulphureum</i>	Large flowers on tall racemes. Dark green leaves. Suitable for the border. Prop. by seed, division and cuttings. Deep sandy soil well enriched. Persia.	1-2 ft. <i>Sun</i>	June, July



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 2	<b>YELLOW FOXGLOVE</b>	* <i>Digitális ambígua</i> <i>D. grandiflora</i> <i>D. ochroleuca</i>	Perennial. Large tubular flowers with brown markings, which droop from long stalks rising high above the clump of broad downy leaves. Effective planted in groups in the border or wild garden. Prop. by seed and division. Rather moist light loam. Europe; Asia.	2-3 ft. <i>Sun or half shade</i>	Early June to mid. July
"Cream color" 2	<b>WOOLLY FOXGLOVE</b>	* <i>Digitális lanata</i>	A perennial Foxglove with long dense spikes of small flowers, sometimes grayish or slightly purplish. See <i>D. ambigua</i> . S. Eastern Europe.	2-3 ft. <i>Sun or half shade</i>	Early June to late July
"Golden yellow" 5	<b>AUSTRIAN LEOPARD'S BANE</b>	* <i>Dorónicum Austriacum</i>	See page 99.		May, June
"Yellow" 5	<b>CAUCASIAN LEOPARD'S BANE</b>	* <i>Dorónicum Caucasicum</i>	See page 99.		May, early June
"Golden yellow" 5	<b>CLUSIUS'S LEOPARD'S BANE</b>	* <i>Dorónicum Clusii</i>	See page 100.		May, June
"Yellow" 5	<b>CRAY-FISH LEOPARD'S BANE</b>	* <i>Dorónicum Pardalianches</i>	See page 100.		"
"Yellow" 5	<b>PLANTAIN-LEAVED LEOPARD'S BANE</b>	* <i>Dorónicum plantagineum</i>	See page 100.		"
"Orange yellow" 7	<b>TALL PLANTAIN-LEAVED LEOPARD'S BANE</b> "HARPUR CREWE"	* <i>Dorónicum plantagineum</i> var. <i>excelsum</i> <i>D. e. "Harpur Crewe"</i>	See page 100.		"
"Yellow" 4	<b>VITALE'S DOUGLASIA</b>	<i>Douglásia Vitaliana</i> <i>Arètia V. Gregòria V.</i>	See page 100.		Late May, June
"Yellow" 4	<b>AIZOON-LIKE WHITLOW GRASS</b>	<i>Dràba aizoides</i>	See page 100.		May, early June
"Yellow" 2 deeper	<b>OLYMPIAN WHITLOW GRASS</b>	* <i>Dràba Olympica</i> <i>D. brunia-jolia</i>	Dainty tufted alpine plant bearing a profusion of small flowers which rise from the dense spreading tufts of foliage. Useful for rockwork in elevated positions. Prop. by seed, though generally by division. Well-drained soil. Caucasus.	4 in. <i>Sun</i>	June
"Bright yellow" 4, anthers 13	<b>BUNGE'S EREMURUS</b>	<i>Eremurus Bungei</i>	Pretty dwarf species. Bell-shaped flowers with long stamens in spikes 5 in. long. Flower stems slender. Leaves grass-like in a clump at base. Plant in groups. Prop. by division. Deep rich sandy loam. Persia.	1-3 ft. <i>Sun</i>	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 6 lighter	WOOLLY BAHIA	<i>Eriophyllum</i> <i>cæspitòsum</i> <i>Bàbia lanàta</i> , <i>Actinèlla</i> <i>lanàta</i>	Branching grayish plant. Numerous fairly large rayed flowers on leafy stalks. Suitable for the wild garden. Prop. by seed and division. Light well-drained sandy soil. N. Amer.	1-1 ½ ft. <i>Sun</i>	June, July
"Sulphur yellow" 4	MOUNTAIN HEDGE MUSTARD	* <i>Erýsimum</i> <i>alpinum</i>	See page 101.		May, June
"Yellow" 3	ROCK- LOVING HEDGE MUSTARD	* <i>Erýsimum</i> <i>rupéstre</i> <i>E. pulchèllum</i>	See page 101.		May, early June
"Yellow" 3	INDIAN STRAW- BERRY	* <i>Fragària</i> <i>Indica</i>	Trailer with small solitary flowers and many red berries. Leaves divided into 3 lobes. Protect slightly in winter. Suitable for rock-gardens and garden vases. Prop. by division. Any soil not too damp. India.	6-8 in. <i>Sun</i>	June
"Yellow" 4	LADY'S BEDSTRAW	<i>Gàlium</i> <i>vèrum</i>	Of low-growing spreading habit. Numbers of tiny flowers in panicles. Charming feathery foliage. Good for naturalization on sterile ground. Prop. by seed and division. Any soil. Europe.	1-3 ft. <i>Sun</i>	June to Sept.
"Yellow" bet. 5 & 6	DYER'S GREEN- WEED, BASE BROOM	* <i>Genísta</i> <i>tinctòria</i>	Effective sub-shrub, to be seen on the Salem hills in Mass. Pea-shaped flowers in racemes which form a mass of golden bloom. Foliage inconspicuous. Valuable for covering dry banks and also for rock-gardens. Prop. by seed and green cuttings. Any soil. Europe; Asia; Naturalized in Mass., Me., and N. Y. Var. <i>plena</i> has double flowers.	3 ft. <i>Sun</i>	Late June, July
"Yellow" 6	YELLOW- FLOWERED MOUNTAIN AVENS	* <i>Gèum</i> <i>montànum</i>	See page 101.		Late May to mid. June
"Yellow" 6 lighter	PYRENEAN AVENS	<i>Gèum</i> <i>Pyrenàicum</i>	See page 101.		Mid. May to mid. June
"Yellow" 4	BROAD- LEAVED GUM- PLANT	<i>Grindèlia</i> <i>squarròsa</i>	An unimportant sub-shrub of coarse habit. Rayed flowers terminate branching stalks. Foliage stiff. Wild garden or border. Prop. by seed, spring sown in green-house, division or cuttings. Any soil. Western U. S. A.	1-2 ft. <i>Sun</i>	Late June to Sept.
"Yellow" 6	BOLAND- ER'S SNEEZE- WEED OR SNEEZE- WORT	* <i>Helènium</i> <i>Bolànderi</i>	Wild in low ground. Robust, free-blooming plant resembling Sunflower. Showy flowers 2-3 in. wide with long daisy-like drooping petals surrounding a dark brown centre. Border. Prop. by seed, division or cuttings. Cal.	1-2 ft. <i>Sun</i>	June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	HOOPES'S SNEEZE-WEED	** <i>Helèmium Hoèpesii</i>	See page 102.		Late May to late June
"Yellow" 2 to 5	ROCK OR SUN ROSE	* <i>Heliánthemum vulgàre</i>	Pretty shrubby evergreen plant. Flowers like small single Roses in lax racemes. Foliage silvery beneath, in a low thick carpet. Desirable for the rock-garden. Needs slight protection in winter. Prop. by seed, division or cuttings. Sandy loam. Many different-colored vars. Europe; N. Africa; W. Asia.	8-15 in. Sun	Early June, July
"Yellow" 6 deep	LEMON LILY	** <i>Hemerocàllis flàva</i>	Very hard and vigorous. Fragrant lily-like flowers in clusters surmount a mound of graceful grass-like leaves. Good for cutting. Spreads rapidly. Charming in masses on the banks of streams, in clumps in the border or rock-garden, and for edging walks or beds of shrubs. Prop. by division. Any moist rich soil. Europe; N. Asia. See Plate, page 201.	3 ft. Half shade	June, early July
"Orange yellow" 8	MIDDENDORF'S YELLOW DAY LILY	** <i>Hemerocàllis Middendorffii</i>	The prettiest species. Very fragrant. Resembles <i>H. Dumortieri</i> , with paler flowers borne in threes or fours, on long stems and broader bright green curving leaves in clumps. For planting and cultivation see <i>H. flava</i> . Amurland.	1-3 ft. Half shade	Late June, July
"Yellow" 6 lighter	THUNBERG'S YELLOW DAY LILY	** <i>Hemerocàllis Thùnbergii</i>	Closely resembles <i>H. flava</i> though the flowers are not so large. See <i>H. flava</i> . Japan.	3-4 ft. Sun or half shade	"
"Golden yellow" 5	SHAGGY HAWK-WEED	<i>Hieràcium villòsum</i>	Plant covered with white silkiness, effective for its large flowers and silvery foliage. Naturalize on barren ground. More easily kept from spreading than other species of this genus. Prop. by seed and division. Any soil. Europe.	1-2 ft. Sun	June to mid. Aug.
"Deep yellow" 5 deep	YELLOW STAR GRASS	<i>Hypòxis erècta</i> <i>H. hirsùta</i>	See page 102.		May, June
"Yellow" 5	LARGE-FLOWERING ELECAM-PANE	* <i>Inula grandiflòra</i>	Vigorous plant with large flowers in profusion. Foliage coarse. Border. Resists drought. Prop. by seed and division. Any good soil. Asia.	2-3 ft. Sun	June
"Yellow"	YELLOW-BANDED FLAG	<i>Iris orientàlis</i> <i>I. ochroleuca</i> , <i>I. gigantèa</i>	See page 102.		Late May, June
"Yellow" 5 & 2	YELLOW OR COMMON WATER FLAG	* <i>Iris Pseudàcorus</i> <i>I. Pseud-àcorus</i>	See page 102.		Late May to late June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" effect 11	TUCK'S FLAME FLOWER	* <i>Kniphofia Tuckii</i>	Brilliantly striking plant. Flowers, reddish when first in bloom, rise in dense slender spikes high above tufts of sword-shaped leaves. Group among tropical-looking plants in sheltered border with good background. Leave undisturbed and protect slightly in winter. Prop. by division. Any well-drained soil. Central Africa.	4-5 ft. <i>Half shade</i>	June, to Sept.
"Yellow"	EDELWEISS	* <i>Leontopodium alpinum</i> <i>Gnaphalium Leontopodium</i>	Prized by Alpine climbers. Downy star-like flowers rise well above a tuft of narrow hoary leaves. Pretty for rock-garden. Prop. by seed. Rather light soil. Switzerland.	4-12 in. <i>Sun</i>	June, July
"Yellow" 5	GRAY-HEADED CONE-FLOWER	* <i>Lébachys pinnata</i> <i>Ratibida pinnata</i> <i>Rudbeckia pinnata</i>	Flowers cone-shaped; purple centres and abruptly drooping rays. Resembles Rudbeckia. Good for back of border or in shrubbery. Prop. by seed or division. N. Y.; W. and S.	3-5 ft. <i>Sun</i>	June to mid. Sept.
"Yellow" 7 dull	YELLOW CANADA LILY	* <i>Lilium Canadense</i> var. <i>flavum</i>	Picturesque native, wild in moist meadows and bogs. Flowers, with dark spots, drooping in clusters. Lovely in masses or scattered among shrubs, or naturalized. Bulbous. Prop. by offsets or scales. Light well-drained soil. Avoid contact with manure. Eastern N. Amer. See Plate, page 202.	1-4 ft. <i>Sun or half shade</i>	June, July
"Yellow" 3	CAUCASIAN LILY	* <i>Lilium monadelphum</i> <i>L. Szovitzianum</i> , <i>L. Colchicum</i>	Conspicuous species. Fragrant turban-shaped flowers, tinged with purple and spotted with black, crown a vigorous leafy stalk. Mass or scatter against dense background in border. Bulbous. Prop. by offsets, scales or very slowly by seed. Any light soil. Avoid contact with manure. Persia.	2-5 ft. <i>Half shade</i>	"
"Yellow" 5	PARRY'S LILY	** <i>Lilium Parryi</i>	Best yellow species. Flowers with reddish brown markings and spreading reflexed tips. Foliage in whorls. Effective massed in border against background. Bulbous. Prop. by offsets, scales, or very slowly by seed. Light well-drained soil. Avoid contact with manure. Cal.	2-6 ft. <i>Shade</i>	"
"Golden yellow" 6 more orange	HUMBOLDT'S LILY	* <i>Lilium puberulum</i> <i>L. Californicum</i> , <i>L. Humboldtii</i> , <i>L. Bloomerianum</i>	Graceful and stately. Drooping flowers 6-8 in. across, dotted with pale purple turning to red or brown, in panicles. Bright green leaves in large whorls. Margin of shrubbery. Bulbous. Prop. by offsets, scales or very slowly by seed. Any light well-drained soil. Avoid direct contact with manure. Cal.	3-5 ft. <i>Half shade</i>	"



LEMON LILY. *Hemerocallis flava*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Buff" 1	NANKEEN LILY	** <i>Lilium testaceum</i> , <i>L. excelsum</i> , <i>L. Isabellinum</i>	Very choice and stately species, widely cultivated. Clusters of fragrant flowers with conspicuous orange stamens, hang nodding from the top of tall leafy stalks. Group in border. Bulbous. Prop. by offsets or scales. Any light soil. Avoid contact with manure. Supposed hybrid.	2-6 ft. <i>Sun or half shade</i>	Mid. June to mid. July
"Yellow" 3	DALMATIAN TOAD-FLAX	* <i>Linaria Dalmatica</i>	Showy, graceful and free-growing. Large snapdragon-like flowers in profusion. Foliage dense. Border. Prop. by seed and division. Any light soil. S. Eastern Europe.	1-3 ft. <i>Sun or shade</i>	Early June to early July, late July to late Aug.
"Yellow" 3 & 7	MACEDONIAN TOAD-FLAX	<i>Linaria Macedonica</i>	Distinct species, with broader leaves than <i>L. Dalmatica</i> . Snapdragon-like flowers in tall terminal racemes bloom continuously. Inside of lower lip orange. Prop. by seed or division. Any ordinary soil. Macedonica.	2-3 ft. <i>Sun or shade</i>	June, July
"Yellow" 5	YELLOW FLAX	* <i>Linum flavum</i>	Gay flowers in loose clusters. Foliage pretty but inconspicuous. Invaluable plant forming neat bush. Border or rock-garden. Prop. by seed and division. Light rich soil. Europe.	1-2 ft. <i>Sun</i>	"
"Yellow" 3	BIRD'S-FOOT TREFOIL, BABIES' SLIPPERS	<i>Lötus corniculatus</i>	Hardy spreading trailer. Pea-like flowers often marked with red, in umbels of five to ten. Foliage in tufts. Rock-garden. Any soil. Var. <i>flore-pleno</i> . Double and more showy variety; flowers last longer, preferred to the type. N. Hemisphere; Britain.	4-18 in. <i>Sun</i>	June to Oct.
"Yellow" 5	MONEY-WORT, CREEPING JENNY	* <i>Lysimachia nummularia</i>	Rapid creeper. Masses of pretty cup-shaped flowers on prostrate branchlets. Good for carpeting where grass will not grow, for rock-gardens and for drooping from garden vases. Prop. by seed and division. Any soil. Europe. Var. <i>aurea</i> , leaves wholly or partly yellow.	1-2 in. <i>Sun or half shade</i>	Early June to late July
"Yellow" 5	SPOTTED LOOSE-STRIPE	* <i>Lysimachia punctata</i> <i>L. verticulata</i>	Of sturdy erect habit. Flowers in whorls around leafy stalks. Good in border. Prop. by seed and division. Good garden soil. Europe; W. Asia. See Plate, page 205.	1-3 ft. <i>Sun</i>	June, July
"Yellow" bet. 5 & 6	BULB-BEARING LOOSE-STRIPE	<i>Lysimachia stricta</i> <i>L. terrestris</i>	Wild in low or wet ground. Flowers in thick terminal racemes above long narrow leaves, grayish underneath. Wild garden. Prop. by seed and division. Any soil. Eastern U. S. A.	8-24 in. <i>Sun</i>	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 4	COMMON YELLOW LOOSE-STRIPE	* <i>Lysimachia vulgaris</i>	Flowers, often with red margins, in spikes. Pointed leaves in whorls of 3 or 4 about the flower stalks. Quite showy in clumps on banks of streams. Prop. by seed and division. Any moist soil. Europe; Asia.	2-3 ft. <i>Sun</i>	June, July
"Yellow" 5	WELSH POPPY	<i>Meconopsis Cambica</i>	Rather large poppy-like flowers are borne erect on slender stems. Foliage light green much divided. Rock-garden. Prop. by seed and division. Any good soil. W. Europe.	1 ft. <i>Sun</i>	"
"Pale yellow" 1	SESSILE-LEAVED BELLWORT	<i>Oakesia sessilifolia</i> <i>Uvularia s.</i>	See page 102.		May, June
"Yellow" 3	LARGE-FLOWERED BIENNIAL EVENING PRIMROSE	* <i>Ceanothera biennis</i> var. <i>grandiflora</i> <i>C. Lamarckiana</i>	Biennial. Vigorous and sometimes branching. A large variety of the common Evening Primrose. Showy flowers 3-4 in. across. Effective in masses in the wild garden and border. Prop. by seed and cuttings. Any soil. S. W. U. S. A.	4-5 ft. <i>Sun</i>	June to Sept.
"Yellow" 5	SUNDROPS	** <i>Ceanothera fruticosa</i>	One of the best species. Shrubby plant with red stems and clusters of broad showy flowers continuously covering the plant with golden bloom. Excellent border plant. Prop. by seed and cuttings. Any light soil. N. Amer. Var. <i>Youngii</i> . Flowers lemon-yellow. Branches slender. Vigorous and a free bloomer. Var. <i>major</i> ; (color no. 3), is thick and bushy. See Plate, page 206.	1-3 ft. <i>Half shade</i>	June, July
"Yellow" 5	FRASER'S EVENING PRIMROSE	** <i>Ceanothera glauca</i> var. <i>Fraseri</i> <i>C. Fraseri</i>	A good variety. Upright plant becoming bushy and leafy at the top, covered with clusters of flowers 2 in. across. Continuous in bloom. Effective in masses for rock-garden or border. Easy cultivation. Prop. by seed and cuttings. Any good garden soil. Southern U. S. A.	2-3 ft. <i>Sun</i>	June to Sept.
"Lemon yellow" 3	LINEAR-LEAVED EVENING PRIMROSE	<i>Ceanothera linearis</i> <i>C. fruticosa</i> var. <i>linearis</i> , <i>C. riparia</i>	Bushy plant. Flowers small but numerous, forming a mass of bloom. Leaves very narrow. Border plant. Prop. by division or cuttings in the spring. Rich sandy soil. Eastern U. S. A.	1½ ft. <i>Sun</i>	June to early Aug.
"Yellow" 3	MISSOURI PRIMROSE	** <i>Ceanothera Missouriensis</i> <i>C. macrocarpa</i> , <i>Megaptèrium Missouriense</i>	A low species with prostrate ascending branches. A profuse bloomer. Solitary flowers, often 5 in. across, cover the plant. Attractive in open border or rock-garden. Prop. by division or cuttings. Any light soil. S. Western U. S. A.	10 in. <i>Half shade</i>	"





TUBEROUS JERUSALEM SAGE. *Phlomis tuberosa*.



SPOTTED LOOSE-STRIFE. *Lysimachia punctata*.



SUNDROPS. *Enothera fruticosa*.



ICELAND POPPY. *Papaver nudicaule*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Dull yellow" 3 duller	BARBERRY FIG, COMMON PRICKLY PEAR	<i>Opúntia vulgaris</i> <i>O. Opúntia</i>	* Native of our shores. Straggling light green Cactus plant with grayish spines. Flowers 2 in. across. Rock-garden. Prop. by cuttings more easily than by seed. Any well-drained soil. Atlantic States.	10-12 in. <i>Sun</i>	June to Sept.
"Yellow"	HERBA-CEOUS PEONY	** <i>Pæðnia</i> vars.	See color "various," page 268.		June
"Yellow" 5 or 6 brilliant	ICELAND POPPY	** <i>Papàver nudicaule</i>	See page 35 and Plate, page 206.		Late Apr. to July, late Aug. to Oct.
"Yellow" 6	SCABIOUS-LEAVED PATRINIA	<i>Patrínia scabiosæfòlia</i>	See page 105.		May, June
"Creamy yellow" 2	WOOD BETONY	<i>Pedicularis Canadensis</i>	See page 105.		"
"Pale yellow" 2	CROWDED PENTSTEMON OR BEARD-TONGUE	* <i>Pentstemon confertus</i>	Numerous tube-shaped flowers varying to cream white, in spikes. Foliage rather long and narrow. Protection of leaves advisable. Rock-garden and border. Prop. by seed and division. Any good garden soil. Rocky Mts. Var. <i>cæruleo-purpureus</i> , purple flowers. Colo. W. & N.	1-2 ft. <i>Sun</i>	June, early July
"Yellow" 6 shading to 13	JERUSALEM SAGE	<i>Phlomis fruticosa</i>	Tender branching shrub. Showy flowers in dense whorls. Branches and wrinkled leaves covered with yellowish down. Sheltered position in border, shrubbery or wild garden. Protect in winter. Prop. by seed or cuttings. Any soil. Mediterranean Region.	2-4 ft. <i>Sun</i>	June, July
"Yellow" 3	SILVERY CINQUE-FOIL	<i>Potentilla argentea</i>	See page 105.		Early May to early July
"Yellow" 1	SILVERY-LEAVED CINQUE-FOIL OR FIVE-FINGER	<i>Potentilla argyrophylla</i> <i>P. insignis</i>	Small strawberry-like flowers borne on silky leafy stems. Leaves whitish beneath. Border or rock-garden. Prop. by seed and division. Dry sandy soil. Himalaya.	2-3 ft. <i>Sun</i>	June, July
"Lemon yellow" 3	CALABRIAN CINQUE-FOIL	<i>Potentilla Calabra</i>	See page 105.		Late May to early July
"Yellow" 3	SHRUBBY CINQUE-FOIL OR FIVE-FINGER	<i>Potentilla fruticosa</i>	Dwarf shrub bearing bright strawberry-like flowers in profusion. Foliage silky. Border, rock-garden or margin of shrubbery. Prop. by seed, division or green cuttings. Moist soil. Europe; Asia; N. Amer.	$\frac{1}{2}$ -4 ft. <i>Sun</i>	June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Golden yellow" effect 7	HYBRID CINQUE-FOIL OR FIVE-FINGER	* <i>Potentilla</i> "Gloire de Nancy"	Rather tender double hybrid with a profusion of buttercup-like flowers. Foliage excellent. Border. Protect in winter. Prop. by root division in spring. Dry sandy soil. Hort.	2 ft. <i>Sun</i>	June to Sept.
"Yellow" 3	LARGE-FLOWERED CINQUE-FOIL OR FIVE-FINGER	<i>Potentilla grandiflora</i>	Flowers borne on leafy branching stems. Silky compound leaves. Border or rock-garden. Prop. by seed and division. Dry sandy soil. Europe; Asia.	10-20 in. <i>Sun</i>	June, July
"Golden yellow" 5	PYRENEAN CINQUE-FOIL	<i>Potentilla Pyrenaica</i>	See page 105.		May to Aug.
"Rich yellow" 3 light	STUART'S PRIMROSE	** <i>Primula Stuartii</i>	See page 105.		Late May, June
"Golden yellow" 5	BACHE-LOR'S BUTTONS	<i>Ranunculus acris</i> var. <i>flöre-plèno</i>	See page 105.		Mid. May to Sept.
"Yellow" 5	DOUBLE ACONITE-LEAVED BUTTERCUP	<i>Ranunculus aconitifolius</i> var. <i>luteus-plènus</i>	See page 106.		Mid. May to July
"Yellow" 5	MOUNTAIN BUTTERCUP	<i>Ranunculus montanus</i>	See page 106.		May to early July
"Yellow" 5	CREeping DOUBLE-FLOWERED BUTTERCUP	<i>Ranunculus repens</i> var. <i>flöre-plèno</i>	See page 106.		May to Aug.
"Yellow" 3 pale	WEBB'S SCABIOUS OR PIN-CUSHION FLOWER	<i>Scabiosa ochroleuca</i> <i>S. Webbiana</i>	Smaller than the type. Flowers on long stems. Good for cutting. Neat tufts of grayish green leaves. Border or rock-garden. Prop. by division. Poor soil preferable. Phrygia.	6-10 in. <i>Sun</i>	June to early Sept.
"Yellow" 4	STONE-CROP, WALL PEPPER, LOVE ENTANGLE	* <i>Sedum acre</i>	See page 106.		Late May, June
"Yellow" 5	AIZOON STONECROP	* <i>Sedum Aizoon</i>	Starry flowers in dense flat clusters. Color rather poor. Pulpy leaves coarsely toothed. Good for edging or rock-garden. Prop. by seed, spring division or cuttings. Loose soil. Siberia; Japan.	1-2 ft. <i>Sun</i>	Mid. June to mid. Aug.
"Yellow" 4 dull & deep	HYBRID STONECROP	<i>Sedum hybridum</i>	Creeping evergreen. Flowers in clusters, 2-3 in. wide. Small leaves. Good for carpeting. Prop. preferably by division. Sandy soil best. Siberia.	6 in. <i>Sun</i>	June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 3 dull	MIDDEN-DORF'S STONECROP	* <i>Sedum Midden-dorfianum</i>	Creeping tufted evergreen. Starry flowers in flat-topped clusters. Pulpy foliage, deep green turning purple in winter. Good for carpeting. Prop. preferably by division. Sandy soil best. Amurland.	4 in. <i>Sun</i>	June, July
"Yellow" 4	SIX-ANGLED STONECROP	<i>Sedum sexangulare</i>	Tiny creeper closely resembling <i>S. acre</i> , with starry flowers and delicate pulpy foliage. Prop. by seed or off-sets. Ordinary garden soil. Europe.	3-6 in. <i>Sun</i>	Early June, July
"Yellow" 8 lighter	CELANDINE POPPY	<i>Stylôphorum diphyllum</i> <i>Cbelidônium d. Papâver Stylôphorum</i>	See page 106.		May, early June
"Green- ish yellow" 2	GLAUCCUS MEADOW RUE	<i>Thalictrum glaucum</i>	Desirable for foliage. Flowers in dense clusters. Fern-like leaves. Wild garden. Prop. in spring by seed and division. Well-drained loam. S. Europe.	2-5 ft. <i>Half shade</i>	Late June to late July
"Green- ish yellow" 3	DWARF MEADOW RUE	* <i>Thalictrum minus</i> <i>T. purpureum</i> , <i>T. saxatile</i>	Grown for foliage. Insignificant flowers droop in lax feathery panicles. Fine grayish foliage like that of Maiden-hair Fern. Good for cutting. Charming in border or wild garden or as edging. Prop. in spring by seed and division. Well-drained soil. Europe; N. Asia; N. Africa. Var. <i>adiantifolium</i> ( <i>T. adiantoides</i> , <i>T. adiantifolium</i> ). A favorite, similar to the type, with foliage even more maidenhair-like. Hort.	1-2 ft. <i>Half shade</i>	Late June to mid. July
"Yellow" 4 lighter	GOLDEN ALEXANDERS	<i>Thâspium aureum</i> <i>T. trifoliatum</i> <i>var. aureum</i>	Wild branching herb. Flowers in umbels. Deeply divided leaves on the stalks and at the base of plant. Naturalize in wild garden. Good moist soil. N. Amer.	1½ ft. <i>Half shade</i>	June, July
"Yellow" 5	CAROLINA THERMOPSIS	* <i>Thermopsis Caroliniâna</i>	Erect lupine-like plant, wild in open roads. Pea-shaped flowers in long dense racemes. Clover-like leaves. Excellent for border. Prop. generally by autumn or spring sown seed. Light well-drained soil. Va.; N. C.	2-4 ft. <i>Sun or shade</i>	Early June to mid. July
"Yellow" 4	BEAN-LIKE THERMOPSIS	* <i>Thermopsis fabâcea</i> <i>T. montâna</i>	See page 106.		May, June
"Yellow" 4	ALLEGHANY THERMOPSIS	* <i>Thermopsis mollis</i>	See page 106.		Mid. May to Aug.
"Yellow"	MOUNTAIN THERMOPSIS	<i>Thermopsis montâna</i>	See page 106.		May, June
"Yellow" 5	MOUNTAIN GLOBE FLOWER	** <i>Trôllius Europæus</i> <i>T. globosus</i>	See page 109.		Early May to early June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Orange yellow" 7	JAPANESE GLOBE FLOWER	* <i>Tréllius Japónicus</i>	See page 109.		May, June
"Lemon yellow" 2	LARGE-FLOWERED BELLWORT	* <i>Uvulària grandiflòra</i>	See page 110.		"
"Yellow" 2	NETTLE-LEAVED MULLEIN	* <i>Verbàscum Chàixii</i> <i>V. orientàle</i> , <i>V. vernàle</i>	Showy and very hardy. Large flowers in spikes. Plentiful rather coarse green foliage. Good in border or wild garden. Prop. by seed, often self-sown. Any garden soil. Europe.	3 ft. <i>Sun</i>	Late June to late July
"Yellow" 3	LONG-LEAVED ITALIAN MULLEIN	* <i>Verbàscum longifòlium</i> <i>V. pannòsum</i>	See page 110.		Late May to late June
"Yellow" 2	DARK MULLEIN	* <i>Verbàscum nigrum</i>	Flowers thickly packed in long racemes at end of stalk. Foliage unattractive in form and color. Border or wild garden. Prop. by seed. Any garden soil. Blooms a second time if cut down early. Europe; W. Asia.	2-3 ft. <i>Sun</i>	Early June to late July
"Yellow" 6	YELLOW HORNED VIOLET OR BEDDING PANSY	** <i>Viola cornùta</i> var. <i>lùtea màjor</i>	See page 35.		Late Apr. until frost
"Yellow" 4	YELLOW OR BARREN STRAWBERRY	<i>Waldsteìnia fragarioides</i> <i>Dalibarda f.</i>	See page 113.		May, June
"Orange" 26 more orange	DWARF CHILOE WATER FLOWER	* <i>Gèum Chiloénse</i> var. <i>miniàtum</i> <i>G. miniàtum</i>	See page 113.		May, June
"Purple orange" near 3 & 41	WATER AVENS OR FLOWER	* <i>Gèum rivàle</i>	See page 113.		Late May, June
"Copper" near 7	HYSSOP-LEAVED ROCK ROSE	* <i>Heliánthemum vulgàre</i> var. <i>hyssopifòlium</i>	Shrubby evergreen plant. Flowers like small Wild Roses sometimes saffron-colored, in lax racemes. Glossy low mat of foliage. Valuable for a dry sunny position in rock-garden. Slight protection in winter needed. Prop. by seed, division or cuttings. Sandy loamy soil. Europe.	8-15 in. <i>Sun</i>	Early June, July
"Orange" 11 brilliant	DUMORTIER'S DAY LILY	** <i>Hemerocàllis Dumortièrii</i> <i>H. rùtilans</i> , <i>H. Sieboldii</i>	First species to bloom. Fragrant lily-shaped flowers in clusters of 2 or 3, smaller than in other species. Foliage grass-like. Replant often. Pretty in clumps and good for cutting. Prop. by division. Any soil. Japan.	1-2 ft. <i>Sun or half shade</i>	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Orange" 12	ORANGE HAWK-WEED	<i>Hieracium aurantiacum</i>	Small clusters of dandelion-like flowers of fine color on leafless stems. Foliage shaggy in tufts near ground. Spreads rapidly and is liable to become a weed. Good ground-cover for sterile waste land or wild garden. Prop. by seed and division. Any soil. W. Europe.	6-24 in. Sun	June to Oct.
"Reddish brown" 14	RED-BROWN FLAG	<i>Iris cyprea</i> <i>I. fulva</i>	Several branching stems bearing flowers marked with blue and green. Leaves light green slightly grayish. Swamps, Illinois, S.	2-3 ft. Sun	Late June
"Orange" effect 7	OREGON LILY	* <i>Lilium Columbianum</i> <i>L. parviflorum</i> , <i>L. Sayi</i>	Ineffective unless mixed with other plants. Small turban-shaped flowers dotted with purple; sparse foliage. Border. Bulbous. Prop. by offsets, scales, or very slowly by seed. Rich well-drained soil. Avoid direct contact with manure. Ore. to B. C.	1½-3 ft. Shade	June, early July
"Orange" 26 orange	ASA GRAY'S LILY	* <i>Lilium Grayi</i>	Allied to <i>L. Canadense</i> . Delicate flowers, reddish or brownish, with purple spots inside, 1-9 on a stem. Mass against dense background in border. Bulbous. Prop. by offsets, scales, or very slowly by seed. Light well-drained soil. Avoid direct contact with manure. S. Eastern U. S. A.	2-3 ft. Half shade	June, July
"Reddish orange" 26 orange	SPOTTED OR HANSON'S LILY	* <i>Lilium maculatum</i> <i>L. Hansonii</i>	Beautiful and stately species. Striking purple-spotted flowers in lax clusters. Bright green leaves in whorls. Effective planted in clumps in Rhododendron beds or massed against background in border. Bulbous. Prop. by offsets or scales. Any light soil. Avoid direct contact with manure. Japan. See Plate, page 216.	3-4 ft. Sun or half shade	"
"Deep orange" bet. 12 & 17	ORANGE ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>aurantiacum</i>	See page 36.		Late Apr. to July, late Aug. to Oct.
"Deep orange" bet. 12 & 17	SMALL ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>miniatum</i>	See page 36.		Late Apr. to July, mid. Aug. to Oct.
"Pale scarlet orange" 9	HAIRY-STEMMED POPPY	* <i>Papaver pilosum</i>	See page 114.		Late May, June
"Red orange" 11	ATLANTIC POPPY	* <i>Papaver rupifragum</i> var. <i>Atlanticum</i> <i>P. A.</i>	See page 114.		Late May to Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Scarlet" 19 & 4	WILD COLUMBINE	* <i>Aquilegia Canadensis</i>	See page 36.		Late Apr. to mid. June
"Orange red" 12 & 17	HYBRID CALIFORNIAN COLUMBINE	** <i>Aquilegia formosa</i> var. <i>hybrida</i> <i>A. Californica</i> , var. <i>hybrida</i>	See page 114.		Mid. May to July
"Orange red" 19 & 5	MEXICAN COLUMBINE	* <i>Aquilegia Skinneri</i>	See page 114.		Late May, June
"Orange scarlet" 17	LARGE SCARLET CALIFORNIAN COLUMBINE	* <i>Aquilegia truncata</i> <i>A. Californica</i> , <i>A. eximia</i>	See page 36.		Apr. to early June
"Violet crimson" 27 bright	PURPLE POPPY MALLOW	* <i>Callirhoe involucrata</i>	Shaggy trailing plant. Large flowers with white centres. Foliage palmately divided. Plant in border and rock-garden. Blossoms the first year from seed. Prop. also by cuttings. A light rich soil is preferable. Neb. and S. Var. <i>lineariloba</i> ; (color no. 35 lighter & brilliant). Less shaggy than the type. Large mallow-like flowers varying to pale red in continuous bloom. Charming in the rock-garden, drooping over ledges. Central U. S. A.	9-12 in. Sun	June to Sept.
"Ma-roon" near 33	DARK PURPLE KNAPWEED	<i>Centaurea atropurpurea</i> <i>C. calocéphala</i>	Strong vigorous plant with silvery foliage and a profusion of globe-shaped flowers which keep well when cut. Makes a choice border plant. Prop. by seed or division. Hungary.	2-3 ft. Sun	"
"Crimson" near 26	RED VALERIAN, JUPITER'S BEARD	* <i>Centranthus ruber</i>	Compact bushy plant covered with flowers in thick bold clusters terminating leafy stalks. Gray-green foliage. Good for cutting. Attractive border plant found frequently in old gardens. Prop. by seed and division. Mediterranean Region.	1-3 ft. Sun	June, July
"Scarlet" 18	DWARF RED OR NORTHERN SCARLET LARKSPUR	* <i>Delphinium nudicaule</i>	See page 114.		Late May, June
"Red" 31 or 20 & 27 brilliant	CARTHUSIAN PINK	<i>Diánthus Carthusianorum</i> <i>D. atrorubens</i>	Biennial or perennial. Flowers in varying shades of red borne in tight clusters surmount leafy stalks. Border or rock-garden. Prop. best by division. Rich light soil. Germany; Egypt.	12-18 in. Sun	Early June to early July



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep red" 28 bright to 26	DARK RED PINK	** <i>Diánthus cruéntus</i>	Small flowers in clusters on gray-green stalks. Long narrow pointed leaves. Good border plant. Prop. by seed. Warm not too moist loam. Greece.	1-1½ ft. Sun	June, July
"Red" 27 dull	WOODLAND PINK	* <i>Diánthus sylvéstris</i> <i>D. virgíneus</i>	Small flowers 1-3 on a stalk. Tufts of grass-like leaves. Pretty border plant. Prop. best by division. Rich light soil. S. Western Europe.	1 ft. Sun	June
"Red" 26	COMMON BARREN-WORT, BISHOP'S HAT	* <i>Epimèdium alpinum</i>	See page 114.		Mid. May to early June
"Crimson" 41 slightly deeper	BLOOD-RED CRANES-BILL	** <i>Gerànim sanguíneum</i>	See page 115.		Late May to mid. July
"Dark red" 28	DOUBLE DEEP CRIMSON AVENS	* <i>Gèum atrosanguf-neum</i> var. <i>flòre-plèno</i>	Very similar to <i>G. Chilense</i> , but with darker and double flowers. Moist light soil. Hort.	1 ft. Sun	June, July
"Orange scarlet" 26 orange	CHILOE AVENS	* <i>Gèum Chilòense</i> <i>G. coccíneum</i> (Hort.)	The best species. Wide-open five-petaled flowers, several on a stem, rise above the leaves, which mostly lie on the ground. Good rock-garden or border plant. Easily cultivated. Prop. by seed and division. Moist soil preferable. Chile. Var. <i>grandiflorum</i> , an improved var. A group of this plant makes a brilliant effect in the border or rock-garden. There is a double form which is very popular having a longer flowering season. June to Oct. Hort.	1-2 ft. Sun	Late June to early Aug.
"Purplish red" 33 or 26 dull	APACHE PLUME, LONG-PLUMED PURPLE AVENS	* <i>Gèum triflòrum</i> <i>G. ciliàtum</i>	See page 115.		May, June
"Deep red" 33	FRENCH HONEY-SUCKLE	<i>Hedýsarum coronàrium</i>	Showy plant. Fragrant pea-like flowers in dense erect spikes. Foliage like that of <i>Wistaria</i> . Border plant. Easily cultivated. Prop. by seed and division. Light well-drained soil. S. Western Europe. Var. <i>album</i> , flowers white.	3-4 ft. Sun	June, early July
"Red" 26 brilliant	CORAL OR CRIMSON BELLS	** <i>Heùchera sanguínea</i>	Plant of graceful and delicate effect with a very long blooming season. Resembles <i>Mitella</i> . Flowers borne in panicles on delicate stems above the clump of pale green leaves. Good for cutting. Gay and pretty for rock-garden or border. Prop. by seed and division. Any soil. S. Western U. S. A. Var. <i>splendens</i> ; (color no. 26 deeper	1-1½ ft. Sun or half shade	June to late Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			& more brilliant), rich crimson flowers. Hort. Other horticultural vars. range in color from white to dark crimson. <i>H. Americana</i> , Alum Root. Slender pyramidal clusters of small greenish or purplish red flowers rise from the tufts of wavy-toothed heart-shaped foliage for which it is chiefly grown. Suitable for the rock-garden or for edging the border. Eastern N. Amer.		
"Orange red" 13 deep & redder	RED CANADA LILY	* <i>Lilium Canadense</i> var. <i>rubrum</i>	A picturesque native species. Flowers with dark spots droop in clusters; petals reflexed. Easy to cultivate. Plant in clumps in the border or among shrubs, or naturalize. Bulbous. Prop. by offsets, scales or very slowly by seed. Any well-drained soil. Eastern N. Amer.	1-4 ft. Sun or half shade	Early June, July
"Scarlet" 17 deeper	JAPANESE RED STAR LILY	* <i>Lilium coccineum</i>	Graceful species. Erect star-like flowers in terminal clusters. Good for cutting. Foliage poor. Mass among shrubs or in border. Easy to grow. Bulbous. Prop. by offsets or scales. Slaty soil. Avoid direct contact with manure. China.	1-1½ ft. Sun or half shade	June, July
"Orange red" 12 redder & deeper	THUNBERGIAN LILY	** <i>Lilium elegans</i> <i>L. Dahuricum</i> , <i>L. Thunbergianum</i> , <i>L. umbellatum</i>	A very hardy and useful species. Large flowers borne erect on sturdy leafy stalks. Easy to grow. Brilliant massed in the border. Bulbous. Prop. by offsets or scales. Any light peaty soil. Avoid direct contact with manure. Japan. See Plate, page 215.	1-2 ft. Sun or half shade	"
"Scarlet" 16	TURBAN LILY	* <i>Lilium pomponum</i> <i>L. rubrum</i>	Turban-shaped fragrant flowers in regular many-flowered racemes surmount the leafy stem. Mass or scatter in border. Bulbous. Prop. by offsets, scales or very slowly by seed. Light well-drained soil. Avoid direct contact with manure. Alps.	2½-3 ft. Half shade	June
"Scarlet" 17 brilliant	SIBERIAN CORAL LILY	** <i>Lilium tenuifolium</i>	Waxy drooping flowers with recurved petals in clusters of twelve surmount slender stems. Pleasing massed in the border. Prop. by seed and "bud scales." Well-drained light soil. Avoid direct contact with manure. Siberia.	1-2 ft. Sun	Late June, July
"Scarlet" bet. 12 & 18	MALTESE SAGE, JERUSALEM CROSS, SCARLET LIGHTNING	** <i>Lýchnis Chalcedónica</i>	Striking though somewhat stalky plant with flowers in brilliant crowded terminal clusters above rather hairy foliage. Excellent near white flowers in the border. Prop. by seed and division. Any rich garden soil. Var. <i>flore-pleno</i> a double form. Russia.	2-3 ft. Sun or shade	Early June to mid. July



THUNBERGIAN LILY. *Lilium elegans*.

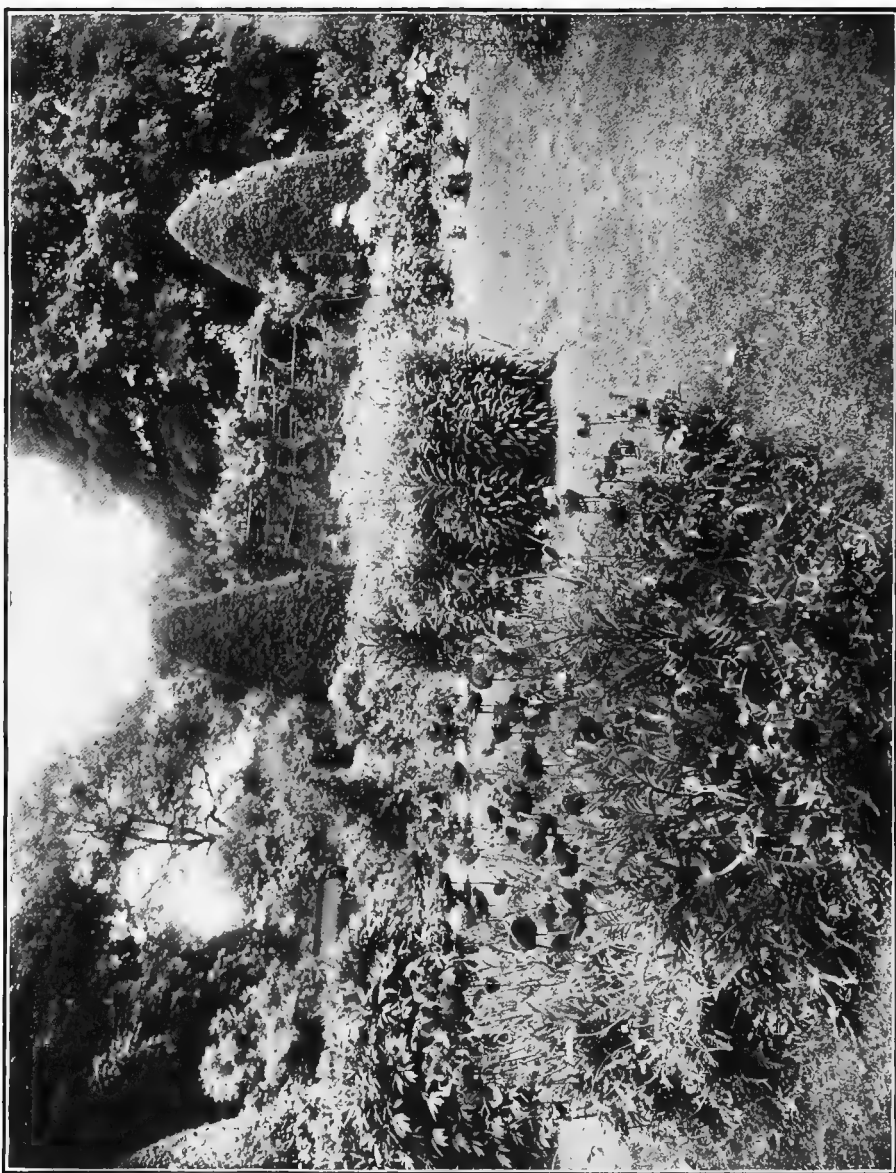


Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep crimson" 33 brighter	DEEP CRIMSON MULLEIN PINK OR DUSTY MILLER	* <i>Lýchnis Coronària</i> var. <i>atrosanguinea</i>	Deeply colored flat circular flowers surmount spikes of silvery-gray woolly foliage. Good for cutting. Striking in border. Prop. in spring by seed and division. Any ordinary soil. Europe.	1-2½ ft. Sun	June, July
"Red" 18	CHAMPION LAMP FLOWER	* <i>Lýchnis coronàta</i> <i>L. grandiflòra</i> , <i>L. fulgens</i>	Often biennial. Panicles of fringed flowers 1½ in. wide. Protect in winter. Border. Prop. in spring by seed, division or cuttings. Any soil. Var. <i>speciosa</i> ( <i>L. speciosa</i> , <i>L. fulgens</i> var. <i>speciosa</i> ). Bushier var. with larger flowers than the type. Border. Japan; China.	1-1½ ft. Sun or half shade	June
"Purple red" often 31 brilliant	RED OR MORNING CAMPION	<i>Lýchnis didica</i> <i>L. diurna</i>	See page 115.		Mid. May to late June
"Red" 11, 17 & 18 brilliant	SHAGGY LYCHNIS	* <i>Lýchnis Haageana</i>	A good species. Flowers varying between orange-red, scarlet and crimson. A cross between <i>L. fulgens</i> , and <i>L. coronata</i> . Large flowers, in clusters 2 in. across, borne in profusion. For borders. Prop. by seed, division and cuttings. Any light rich soil. There are also pink and white forms. Hort.	8-12 in. Sun or half shade	Early June to early Aug.
"Blood red" 27	BRILLIANT GERMAN CATCHFLY	** <i>Lýchnis Viscària</i> var. <i>spléndens</i>	Best var. Flowers in profusion in showy panicles. Foliage grass-like. Pretty for rock-garden or border. Prop. by seed and division. Any light rich soil. Hort.	6-20 in. Sun	June
"Scarlet" 18 duller	SCARLET MONKEY FLOWER	* <i>Mímulus cardinàlis</i>	Erect plant with rather snapdragon-like flowers on leafy branching stems. Pretty in border or rock-garden. Prop. by seed, division or cuttings. Moist soil and much watering. Western U. S. A.	2-3 ft. Sun or half shade	June to Sept.
"Red" 20 lighter, centre 21 redder	OSWEGO TEA, BEE OR FRAGRANT BALM	** <i>Monárda didyma</i>	A rather coarse free-growing aromatic herb of unusually fine and brilliant coloring. Effective at a distance, but less attractive at close range. Foliage unimportant. Striking in groups naturalized along shady banks, or planted in roomy border. Apt to prove troublesome by spreading. Prop. by division. Separate often in spring. Ordinary soil. N. Amer. Var. <i>alba</i> , a white horticultural form.	1½-2½ ft. Sun or shade	Mid. June to early Sept.
"Crimson" 29 turning darker	WHORL-FLOWER	* <i>Morina longifolia</i>	Handsome plant with small flowers borne in dense whorls forming showy spikes. Buds white turning pink and finally crimson. Foliage thistle-like. Good in rock-garden or border. Protect in winter. Prop. in autumn by seed and division. Sandy loam. N. India.	2 ft. Half shade	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Scarlet" 24 deeper	SCARLET OURISIA	<i>Ourisia coccinea</i>	Creeping alpine plant with clustered panicles of 12 drooping pentstemon-like flowers with cream-colored anthers rising from a clump of pretty heart-shaped leaves. Protect in winter. Rock-garden. Prop. in spring by division. Sheltered spots in stiff heavy soil. Chile.	6-12 in. <i>Deep shade</i>	June, July
"Red"	HERBACEOUS PEONY	** <i>Pæonia</i> vars.	See color "various," page 270.		June
"Crimson" 33 redder etc.	COMMON GARDEN PEONY	** <i>Pæonia officinalis</i> & vars. <i>P. fulgida</i>	See page 116.		Mid. May to mid. June
"Deep red" 20 richer	FINE-LEAVED PEONY	* <i>Pæonia tenuifolia</i>	See page 116.		"
"Blood red" 17 redder	BRACTEATE POPPY	* <i>Papaver bracteatum</i> <i>P. orientale</i> var. <i>b.</i>	See page 116.		Late May to mid. June
"Scarlet" bet. 12 & 19	ORIENTAL POPPY	** <i>Papaver orientale</i>	Showy and vigorous when once established. Flowers 6-9 in. wide, typically scarlet with black spots; vars. in shades of orange and pink less hardy. Foliage remarkably decorative, but dies down in middle of summer. Excellent in border but must be cut down and concealed by other plants in July. Prop. by seed and division after flowering. Bears transportation badly. Rich garden soil. Asia Minor; Persia. See Plate, pages 219 and 220. **Var. <i>Parkmanni</i> , Parkman's Oriental Poppy, a large strong-growing var. with black blotches at the base of the petals. Difficult to obtain. Hort. **Var. " <i>Royal Scarlet</i> ," strong-growing var. not very different from type. Hort.	3-3½ ft. <i>Sun</i>	Early June to early July
"Light red" 16	RUPIFRAGE POPPY	* <i>Papaver rupifragum</i>	See page 117.		May to Aug.
"Crimson"	CLEVELAND'S PENTSTEMON	* <i>Pentstemon Clavelandi</i>	See page 117.		Late May to mid. June
"Purple red" 41 deeper	HARTWEG'S LARGE-FLOWERED HYBRID PENTSTEMON	<i>Pentstemon gentianoides hybrida grandiflora</i> <i>P. Hartwegi hybrida g.</i>	Species from which many hybrids have sprung, of erect branching habit. Drooping tubular flowers in long loose clusters. Good for the border. Prop. by seed and division. Any good garden soil. Mexico.	3-4 ft. <i>Sun</i>	June to Sept.



ORIENTAL POPPY. *Papaver orientale*.



JUNE LANDSCAPE.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Red" 35	<b>DARK BLOOD-RED SILVERY CINQUE-FOIL</b>	<i>Potentilla argyrophylla</i> var. <i>atrosanguinea</i> <i>P. atrosanguinea</i>	Small strawberry-like flowers sometimes purple borne on branching stems. Leaves silvery beneath. Rock-garden or border. Prop. by seed and division. Dry sandy soil. Himalaya.	2-3 ft. <i>Sun</i>	June, July
"Red"	<b>HYBRID CINQUE-FOIL DOUBLE VARS.</b>	* <i>Potentilla hybrida</i> vars.	Showy double hybrids not strictly hardy. Buttercup-like flowers. <i>Dr. André</i> ; (color no. 19 & 5), scarlet flowers with yellow margins. <i>Le Vesuve</i> ; (color no. 12 brighter and darker), light red edged with scarlet or yellow. Pretty strawberry-like foliage. Border. Protect in winter. Prop. by root division in spring. Light sandy soil. Hort.	2 ft. <i>Sun</i>	June to Sept.
"Scarlet" bet. 12 & 15	<b>RUSSELL'S HYBRID CINQUE-FOIL</b>	* <i>Potentilla Russelliana</i>	Rather tender single var., not so showy as the double forms. Buttercup-like velvety blossoms, rich scarlet, nearly 2 in. across. Foliage strawberry-like. Pretty in the border. Protect slightly in winter. Prop. by division in spring. Light sandy soil. Hort.	1-2 ft. <i>Sun</i>	Early June to Aug.
"Pale red" near 22	<b>ATLANTIC HOUSELEEK</b>	* <i>Sempervivum Atlánticum</i>	Flowers in clusters on stems clothed with reddish brown leaves rise from a rosette of pale green pulpy foliage. Pretty on walls or dry banks, or as carpeting in rock-garden. Prop. by division or offsets. Sandy soil. Atlas Mts.	10-12 in. <i>Sun</i>	June, July
"Reddish" 38 dull	<b>COMMON RUNNERED HOUSELEEK</b>	* <i>Sempervivum flagelliforme</i>	Starry flowers in compact heads, less important than the rosettes of pale green pulpy leaves. Rock-garden, edging and carpeting banks. Prop. by division or offsets. Sandy soil. Siberia.	3-4 in. <i>Sun</i>	Early June
"Mauve red" 38 dull	<b>MOUNTAIN HOUSELEEK</b>	* <i>Sempervivum montanum</i>	Flowers in compact clusters less interesting than the neat regular rosettes of hairy dark green leaves. Pretty as carpeting in rock-garden. Sandy soil. Alps; Pyrenees.	6 in. <i>Sun</i>	Late June
"Red" 24, centre 33	<b>HOUSELEEK, OLD-MAN-AND-WOMAN</b>	* <i>Sempervivum tectorum</i>	Very common on roofs in Europe. Attractive starry flowers and rather cactus-like foliage. Pulpy green leaves tipped with reddish brown, in small compact rosettes. Rock-garden, wall or edging. Prop. by offsets. Dry soil. Mts. of Europe and Asia.	1 ft. <i>Sun</i>	June, July
"Crimson" 20 brighter & lighter	<b>FIRE PINK</b>	* <i>Silene Virgínica</i>	Profuse bloomer. Flowers 2 in. wide, in loose clusters, borne near the ground. Rock-garden. Prop. by division or preferably by seed. Sandy loam. U. S. A.	1-2 ft. <i>Sun</i>	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep red" 20, 4 inside	PINK ROOT, WORM GRASS	* <i>Spigèlia Marylandica</i>	Handsome herb wild in rich woods. Tubular flowers, rich red without and greenish yellow within, borne on tufts of slender stems. Border. Loose loam, leaf-mold and peat. Southern U. S. A.	1-2 ft. <i>Sun or shade</i>	Late June to early Aug.
"Bright red"	RED SPIDER-WORT	<i>Tradescàntia Virginiàna</i> var. <i>coccinea</i>	See page 117.		Late May to late Aug.
"Brownish red" 28 neutral & lighter	ILL-SCENTED WAKE-ROBIN	* <i>Trillium erectum</i> <i>T. pendulum</i> , <i>T. purpureum</i> <i>T. jätidum</i>	See page 36.		Late Apr. to early June
"Bright red" bet. 20 & 26	COMMON GARDEN OR LATE TULIP	** <i>Tùlipa Gesneriàna</i>	See page 118.		Mid. May to early June
"Deep rose"	PERSIAN CANDYTUFT	<i>Æthionèma Pérsicum</i>	Excellent dwarf plant; shrubby. Similar to <i>Æ. coridifolium</i> and <i>Æ. grandiflorum</i> . Good for edging and for rock-garden. Prop. by seed and cuttings. A sandy soil is necessary. Persia.	9 in. <i>Sun</i>	June
"Pink" 32 deeper	MOUNTAIN EVER-LASTING, CAT'S-EAR	<i>Antennària dioica</i> <i>Gnaphàlium dioicum</i>	Neat alpine plant of spreading habit. Flower heads in crowded clusters. Whitish woolly foliage. Useful for carpeting rockwork or edging. Prop. by seed, more frequently by division in spring. Any soil. <i>A. tomentosa</i> of the trade is a form of this with white flowers; much used for edging and carpeting, on account of its silvery foliage. Northern U. S. A.; Britain.	3-6 in. <i>Sun</i>	"
"Rose pink" 29 dull	ARETHUSA, INDIAN PINK	<i>Arethùsa bulbosa</i>	See page 118.		May, June
"Pink" 27 lighter	CUSHION PINK, SEA-SIDE THRIFT, SEA TURF, CLIFF ROSE	** <i>Armèria maritima</i> <i>A. vulgàris</i>	See page 118.		Mid. May to mid. June
"Intense pink" 27 lighter	LAUCHE'S THRIFT OR SEA PINK	** <i>Armèria maritima</i> var. <i>Laucheàna</i> <i>A. L.</i>	See page 39.		Late Apr. to mid. June
"Pink" 36 deep & green	CHRISTMAS-ROSE-LEAVED MASTER-WORT	<i>Astràntia helleborifolia</i>	Rather straggling plant with small flowers in tight umbels, having an unpleasant odor. Leaves palmately divided. For border or bank. Prop. by division in fall or spring. Any good rather moist soil. Caucasus.	1-2 ft. <i>Sun</i>	June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink-ish"	BLACK HELLEBORE, GREAT BLACK MASTER-WORT	<i>Astrántia mājor</i>	Small striped flowers in tight clusters. Leaves palmately divided. Border or rock-garden. Prop. in fall or spring by division. Any good soil preferably moist. Europe.	1-2 ft. <i>Sun</i>	June
"Pink" 29 & white	ENGLISH DAISY	* <i>Béllis perénis</i>	See page 39.		Mid. Apr. to mid. June
"Purple pink" 40 duller	GRASS PINK ORCHIS	<i>Calopògon pulchéllus</i> <i>Limodòrum tuberòsum</i>	Charming native Orchid. Clusters of flowers, 1 in. across, in varying shades of pink and magenta-purple, rise above the grass-like foliage. Choice bog plant and sometimes grown in rock-gardens. Bulbous. Prop. by offsets which do not flower for some years. Moist porous soil. Eastern N. Amer.	12-18 in. <i>Shade</i>	June, July
"Pink" 22	CALYPSO	<i>Calýpso boreàlis</i> <i>C. bulbòsa</i>	See page 121		May, June
"Pink" 29 lighter	DOUBLE CUCKOO FLOWER OR LADY'S SMOCK	<i>Cardámine praténsis</i> var. <i>flòre-plèno</i>	Belongs to Wallflower order. Varies to white. Flowers in terminal clusters. Deeply cut foliage springing from the root and on the stalks. Border or rock-garden. Prop. by division. Moist soil. Europe.	9-20 in. <i>Sun or shade</i>	June
"Purple pink" near 27	HOARY CEDRO-NELLA	* <i>Cedronélla càna</i>	Branching sub-shrub. Light whorls of flowers, with blue stamens, form showy spikes. Profuse bloomer. Fragrant silvery foliage. Not very hardy. Winter protection needed. Makes a pleasing effect in elevated position in rock-garden. Mexico.	1-3 ft. <i>Sun</i>	June to Sept.
"Deep pink" 31	WHITENED KNAPWEED	<i>Centaurea dealbàta</i>	Compact bushy plant. Flowers with white or pink centres. Foliage silvery underneath and deep green above. Fairly good border plant. Prop. by seed and division. W. Asia.	8-24 in. <i>Sun or shade</i>	Late June to early Aug.
"Rose" 40 duller	ROSY MOUNTAIN BLUET	** <i>Centaurea montàna</i> var. <i>ròsea</i>	See page 121.		Late May to early July
"Purple pink" 36 deep	SMALL ROSE OR PINK TICKSEED	* <i>Coreòpsis ròsea</i>	Branching species. Daisy-like flowers with yellow centres and rose-colored rays, about $\frac{3}{4}$ in. across. Border. Any ordinary soil. S. Eastern U. S. A.	1-2 ft. <i>Sun</i>	June to Sept.
"Pink" 39	CROWN-VETCH	* <i>Coronilla varia</i>	Low straggling tufted plant. Flowers pea-shaped, in dense clusters, forming sheets of pretty pink and white bloom. Good for carpeting ledges, etc. Prop. by seed. Any ordinary garden soil, preferably dry. Europe.	1-2 ft. <i>Sun</i>	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 29	CROSS-WORT, FŒTID CRUCIAN-ELLA	* <i>Crucianella stylōsa</i> <i>Asperula ciliata</i>	Pretty dwarf plant with a rather unpleasant odor. Flowers small but showy. Shaggy foliage in whorls. Does well on sandy banks; is also used in the border or rock-garden. Prop. by seed and division. Rather light loam. Persia.	6-9 in. Half shade	June to Sept.
"Purplish pink" 29	STEMLESS LADY'S SLIPPER	* <i>Cypripedium acaule</i>	See page 121.		Early May, June
"Deep rose" 29 duller & pale	ALPINE PINK	* <i>Diānthus alpinus</i>	Alpine plant forming a carpet which is covered with flowers 1 in. across, spotted crimson with dark ring. Dark foliage in shining tufts. Choice rock-garden plant. Guard against drought and wire-worms. Prop. by seed and division. Warm light loam. Russia; S. Eastern Europe.	3-4 in. Sun	June, July
"Delicate pink" 27 light	CHEDDAR PINK	* <i>Diānthus cæsius</i>	See page 121.		Late May to early July
"Deep red pink" 31	MAIDEN PINK	** <i>Diānthus deltoides</i>	See page 121.		May, June
"Deep rose" 32	GLACIER PINK	* <i>Diānthus glacialis</i> <i>D. neglectus</i>	Attractive species of low habit; erect and tufted with lovely toothed scentless flowers. Pointed grass-like leaves. Rather difficult to grow. Rock-garden in elevated position. Prop. best by division, also by seed and cuttings. Rich light well-drained soil. Mts. of S. Europe.	3-4 in. Sun	June
"Pink" 25, 27, 28, 33, 34 & 35	BROAD-LEAVED PINK	** <i>Diānthus latifolius</i> (Hort.)	Similar to Sweet William with large double flowers in tight clusters and broader leaves. Plant in the border or rock-garden. Prop. best by division. Rich light soil. Hort.	6-12 in. Sun	June to Sept.
"Purplish rose" 36	PALE-FLOWERED PINK	* <i>Diānthus pallidiflorus</i>	Densely tufted with a profusion of flowers. Makes a desirable border plant. Prop. by seed, division or cuttings. Rich light soil. Russia.	6 in. Sun	June
"Rose" 36 light	ROCK PINK	* <i>Diānthus petræus</i>	A charming species. Leaves in dense tufts 2 in. high from which rise numerous flower-stalks bearing single flowers. "It escapes the attacks of wire-worms." Suitable for the rock-garden. Prop. by seed and division. Light sandy moist loam. E. Europe.	6 in. Sun	Mid. June to Aug.
"Pink" 36, or 37	SCOTCH, COMMON GRASS, GARDEN OR PHEASANT'S EYE PINK	** <i>Diānthus plumarius</i>	See page 122 and Plate, page 225.		Late May to late June



SCOTCH PINK VARS. *Dianthus plumarius* vars.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink"	GARDEN PINK	** <i>Diánthus plumàrius</i> vars.	The type of which the following are varieties is described in May. Fringed flowers. <i>Essex Witch</i> ; fragrant flowers dark pink. A free bloomer; good for cutting. Rock-garden or border. <i>New Mound</i> ; fragrant double flowers, very pale pink. Useful for cutting. Thrives well in the border. Var. <i>roseus flore-pleno</i> ; (color no. 29), very fragrant double flowers, clear rose-pink. Useful for cutting and pleasing in the border. Prop. by cuttings or layers. Rich light soil. Hort. See Plate, page 225.	8-12 in. Sun	June
"Purple rose" 31	SEGUIER'S PINK	** <i>Diánthus Seguierii</i>	Scentless flowers borne on leafless stalks. Splendid border plant, producing a striking mass of color. Prop. by seed and cuttings. Rich light soil. Europe; Asia.	1 ft. Sun	Late June, July
"Deep rose" 25	WILD BLEEDING HEART	** <i>Dicéntra exímia</i> <i>Dièlytra exímia</i>	Bears numerous heart-shaped blossoms in long drooping racemes. Foliage fern-like and graceful. Useful in rock-garden and mixed border. Prop. by division. Rich sandy soil. Western N. Y.; Mts. of Va.	1-2 ft. Half shade	Early June to Aug.
"Rose" 23	CALIFORNIA BLEEDING HEART	* <i>Dicéntra formòsa</i>	See page 122.		Late May, June
"Rose" 30	BLEEDING HEART	** <i>Dicéntra spectàbilis</i> <i>Dièlytra s.</i>	See page 40.		Late Apr. to mid. July
"Purple pink" 32	RED GAS PLANT OR FRAXINELLA	** <i>Dictámnus álbus</i> var. <i>rùbra</i> <i>D. Fraxinèlla</i> var. <i>rùbra</i>	Not so pretty as <i>D. albus</i> . Bushy plant. Fragrant flowers in racemes surmount the glossy foliage. Do not crowd or disturb often. Flowers last well when cut. Prop. by seed planted when ripe or by division. Moderately rich heavy soil. Hort.	2-3 ft. Sun or half shade	June, July
"Rose" 29	JEFFREY'S SHOOTING STAR, AMERICAN COWSLIP	* <i>Dodecátheon</i> Jeffreyi	See page 122.		May, June
"Shell-pink" bet. 24 & 17	HEDGE-HOG THISTLE, SIMPSON'S CACTUS	<i>Echinocactus</i> Simpsoni	Beautiful hardy little Cactus which grows in a globe-shaped mass, 3-5 in. in diameter, and is covered with variously colored spines, out of which spring large and beautiful flowers which are sometimes yellowish. Prop. by seed or cuttings. Dry soil in rock-garden. Col.	6-8 in. Sun	June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Magenta" 40	GREAT WILLOW HERB, FIRE WEED, FRENCH WILLOW	<i>Epilobium angustifolium</i> <i>Camænerion angustifolium</i>	Native, often seen where woods have been burned off. Showy flowers sometimes pink, in spikes. Leaves resemble those of Willow. Pretty for rough shrubbery and in masses beside water. Prop. by seed and division. Any soil. N. Amer.	3-5 ft. <i>Half shade</i>	June to early Aug.
"Peach-colored" 38	ROBUST EREMURUS	* <i>Eremurus robustus</i>	A handsome species. Gigantic plant with dense spikes, sometimes 4 ft. long, of large starry flowers borne high above the clump of long leaves which disappear after flowering season. Protect in winter and guard against the spring frost. Group in a sheltered situation. Prop. by division. Deep rich sandy soil. Turkestan. See Plate, page 226.	6-10 ft. <i>Sun</i>	June, July
"Deep rose" 29	DIFFUSE CENTAURY	<i>Erythræa diffusa</i> <i>E. Mâsoni</i>	Biennial plant of Gentian family, having a profusion of small bright flowers and shining leaves. Protect in winter. Charming in the rock-garden. Prop. by seed, division or cuttings. Light sandy loam. Europe.	2-3 in. <i>Sun or half shade</i>	June
"Pink" 24	ARMENIAN CRANES-BILL	<i>Geranium Armenum</i> <i>G. Backhousianum</i>	Best species. Flowers abundant, large and showy. Leaves springing from root, are deeply divided and have curved contours. Border or rock-garden. Prop. by seed and division. Any good soil. Armenia.	2½-4 ft. <i>Sun</i>	June, July
"Rose" 38	ENDRESS'S CRANES-BILL	<i>Geranium Endressi</i>	See page 122.		Late May to late June
"Light pink" veined with 26	LANCASTER CRANES-BILL	* <i>Geranium sanguineum</i> var. <i>Lancastriense</i>	A dwarf var. with purple veined flowers; paler than type. Edge of shrubbery or border. Prop. by seed and division. Any ordinary soil. Europe.	1 ft. <i>Half shade</i>	June, July
"Pale pink" 36	CREeping CHALK-PLANT	* <i>Gypsophila repens</i> <i>G. prostrata</i>	Trailing or spreading habit. Myriads of tiny flowers, almost white, in graceful panicles on slender stems. Foliage light green. Excellent for rock-garden. Prop. by seed, division or cuttings. Fairly dry garden soil. Pyrenees; Alps.	6 in. <i>Sun</i>	Early June to mid. July
"Pink" 22 light	MANY-PAIRED FRENCH HONEY-SUCKLE	<i>Hedysarum multijugum</i>	Pea-like flowers, occasionally purplish, spotted with yellow, in long racemes. Foliage grayish green, composed of many leaflets. Rock-garden. Prop. by seed and division. Light well-drained soil. Armenia.	2-5 ft. <i>Sun</i>	June to early Aug.
"Rose"	CHANGE-ABLE ROCK ROSE	<i>Helianthemum vulgare</i> var. <i>mutabile</i>	Shrubby evergreen plant. Pale flowers, yellow at the base, changing quickly to white. Glossy low mat of foliage. Rock-garden. Protect slightly in winter. Prop. by seed, division and cuttings. Sandy loam.	8-12 in. <i>Sun</i>	Early June, July



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purplish rose" bet. 32 & 40	DELAVAY'S INCARVILLEA	* <i>Incarvillea Delavayi</i>	Clusters of large trumpet-shaped flowers terminate the flower stalks which rise above a spreading clump of coarse fern-like foliage. A good border plant for sheltered positions. Prop. by seed and division. Rich loam mixed with sand. China.	1-2 ft. Sun	Early June to mid. July
"Pink" 29, spots 34	REDDISH LILY	* <i>Lilium rubellum</i>	See page 122.		Late May, early June
"Pale pink" 36 or 43	TWIN FLOWER	<i>Linnæa borealis</i>	Wild in mossy woods and cold bogs. Trailing evergreen bearing fragrant bell-shaped flowers in pairs on erect stalks rising above a dense matting of tiny leaves. Charming carpeting for rock or bog garden. Prop. by division, rarely by cuttings. Moist peaty soil. Europe; Asia; N. Amer.	4-6 in. Half shade	June, July
"Pink" 27 light, 29 pale	RAGGED ROBIN, CUCKOO FLOWER	* <i>Lýchnis Flos-cuculi</i>	Deep or light pink flowers in lax clusters; abundant and continuous in bloom. Lance-shaped leaves. Much grown in old-fashioned gardens. Prop. by seed, division or cuttings. Any ordinary garden soil. Europe; N. Asia. Double vars., red or white.	1-2 ft. Sun	"
"Light pink" 29 pale	DOUBLE CUCKOO FLOWER OR RAGGED ROBIN	* <i>Lýchnis Flos-cuculi</i> var. <i>plenissima</i> <i>L. p. semper-florens</i>	See page 122.		Late May to late June
"Bright rose" 31	JUPITER'S FLOWER, UMBELLED LYCHNIS	* <i>Lýchnis Flös-Jovis</i> <i>Agrostemma Flös-Jovis</i>	Rather small flowers in thick clusters, continuing long in bloom. Foliage soft and downy. Good for cutting and rock-garden. Prop. by seed. Any soil. Europe.	12-18 in. Sun	June, July
"Rosy red" 31	GERMAN CATCHFLY	* <i>Lýchnis Viscària</i>	See page 125.		Mid. May to late June
"Deep rose" 29	ALCEA MALLOW	* <i>Málva Alcèa</i>	Large flowers in clusters form masses of effective bloom. Good pale green foliage. Excellent for border, but requires space. Prop. by seed and division. Any soil. Europe.	2-4 ft. Sun	June to Sept.
"Pinkish" 45 in effect	BRADBURY'S MONARDA	<i>Monarda Bradburiana</i> <i>M. amplexicaulis</i>	A rather coarse aromatic herb. Odd flowers with dark spots. Effective in masses on banks or in the border. Prop. by seed and division. Separate often in autumn. Light dry soil. Indiana, South and West.	1½-2½ ft. Sun	June
"Purplish pink" 31	MEXICAN PRIMROSE	* <i>Ceanothera rosea</i>	Sometimes biennial. Shrubby bushy habit. Small flowers. Rock-garden or low border. Prop. by seed and cuttings. Any soil. Mexico.	1-2 ft. Sun	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Light pink"	SAINFOIN, HOLY CLOVER	<i>Onóbrychis sativa</i> <i>O. viciæfolia</i> , <i>Hedýsarum onóbrychis</i>	Flowers are borne in loose spikes. Leaves small and many. Border plant. Any ordinary soil. Europe.	1-2 ft. <i>Sun</i>	June, July
"Pink" 32	THORNY REST HARROW	<i>Onònis spinòsus</i> <i>O. arvensis</i> var. <i>spinòsus</i>	A dwarf sub-shrub. Showy pea-shaped flowers. Border or margin of shrubbery. Prop. by seed and division. Ordinary garden soil. Europe.	1-2 ft. <i>Sun</i>	"
"Purple pink" bet. 37 & 38	WILD OR POT MARJORAM	<i>Oríganum vulgàre</i>	Branching plant. Flowers in clusters. Foliage fragrant, used in medicine and for seasoning. Prop. by seed and division in early fall or spring. Any garden soil. Europe.	2 ft. <i>Sun</i>	"
"Pink"	HERBACEOUS PEONY	** <i>Pæðnia</i> vars.	See color "various," page 268.		June
"Rose" 29	LARGE ROSY TREE PEONY	<i>Pæðnia Moután</i> var. <i>rosea supérba</i> <i>P. M.</i> "Reine Elizabeth," "Triomphe de Grand"	See page 125.		Mid. May to mid. June
"Delicate rose" bet. 26 & 27	DOUBLE RED TREE PEONY	<i>Pæðnia Moután</i> var. <i>rùbra plèna</i>	See page 125.		"
"Pale pink" 22	ORIENTAL POPPY BLUSH QUEEN	** <i>Papàver orientàle</i> "Blush Queen"	Showy and vigorous. Large flowers with deep purple blotch at base of petals. Foliage strikingly decorative, but dies down completely in Aug. Effective massed in border, but supplement with other plants to avoid a bare spot in late summer. Prop. by seed and division after flowering. Difficult to transplant. Rich garden soil. Hort.	2-3½ ft. <i>Sun</i>	Early June to early July
"Pink or carmine" 32 varying	BEARDED PENTSTEMON	* <i>Pentstèmon barbàtus</i> <i>Chelòne barbàta</i>	Popular species. Graceful tufted plant bearing many erect flower stems from which droop the tubular bearded flowers varying from flesh color to carmine. Leaves smooth and grayish green. Very desirable for rock-garden or border. Prop. by seed and division. Any good garden soil, not too dry or hot. Mexico, N. to Col.	2-3 ft. <i>Sun</i>	Early June to mid. July
"Purple pink rose" 32	TUBEROUS JERUSALEM SAGE	<i>Phlòmis tuberòsa</i>	Vigorous plant of coarse habit. Flowers in compact whorls along the branches. Heart-shaped leaves on the stems and in clumps at the base of the plant. Shrubby or wild garden. Prop. by seed and division. Ordinary soil. Europe; Asia. See Plate, p. 205.	3-6 ft. <i>Sun</i>	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep rose" 40 lighter	CAROLINA PHLOX	*Phl6x Carolina <i>P. ovata</i>	Showy plant taller but similar to <i>P. ovata</i> . Terminal clusters of small flowers on erect stalks. Leaves narrow and tapering, springing mostly from the root. Pretty in border. For cultivation see <i>P. ovata</i> . Mts. Pa. to Ala.	1-2½ ft. Sun	June, July
"Rose" often 45 lighter	SHRUBBY SMOOTH-LEAVED PHLOX	*Phl6x glaberrima var. suffruticosa <i>P. suffruticosa</i> , <i>P. nitida</i>	More rigid and with broader leaves than <i>P. glaberrima</i> . Flowers sometimes flesh-colored. Good in border. Prop. by seed, division or cuttings. Moist rich soil. U. S. A.	1-2½ ft. Sun	June to early Aug.
"Reddish pink" 31 brilliant	MOUNTAIN PHLOX	*Phl6x ovata <i>P. triflora</i>	Erect habit, the flowers being borne in small dense terminal clusters above the foliage. Border or rock-garden. Prop. by seed, division and cuttings. Soil rich or moist. Wooded Mts. of S. Eastern U. S. A.	1-1½ ft. Sun	June, July
"Rose" 27 lighter & redder	CRAWLING PHLOX	*Phl6x reptans <i>P. stolonifera</i>	See page 125.		May, June
"Purpleish rose" 40 duller	FLOWERING WINTER-GREEN, GAY WINGS, FRINGED MILKWORT OR POLYGALA	<i>Polygala paucifolia</i>	See page 125.		"
"Rose" 26	HYBRID CINQUE-FOIL	*Potentilla Hapwoodiana	Rather tender single var., not so showy as the double forms. Buttercup-like velvety blossoms. Margins and base of petals deep rose; centre pale rose or pale straw-color. Foliage strawberry-like. Pretty in the border. Protect slightly in winter. Prop. by division in spring. Light sandy soil. Hort.	1-2 ft. Sun	Early June to Aug.
"Deep rose" 26	NEPAL CINQUE-FOIL	*Potentilla Nepalensis <i>P. formosa</i> , <i>P. coccinea</i>	See page 125.		May, June
"Rose" 26	CORTUSA-LEAVED PRIMROSE	*Primula cortusoides	See page 126.		May to early June
"Flesh-color" 22	MISTASSINI OR DWARF CANADIAN PRIMROSE	*Primula Mistassinica <i>P. jarinosa</i> var. <i>M.</i> , <i>P. pusilla</i>	See page 126.		May, June
"Rose" 38 more violet	PRAIRIE SABBATIA	<i>Sabbatia campestris</i>	Branching annual or biennial plant belonging to the Gentian family. Solitary flowers borne on leafy stalks. Prop. by spring or fall sown seed. Soil light and dry. N. Amer.	6-15 in. Sun	Late June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rose" about 25	PINK MEADOW SAGE	* <i>Sálvia pratensis</i> var. <i>ròsea</i>	Flowers an in. long, clustered in spikes. Foliage heart-shaped and wrinkled. Border or wild garden. Prop. by seed. Good garden soil. Europe.	2-3 ft. Sun	June, early July
"Pink" 38 paler & more violet	ROCK SOAPWORT	* <i>Saponària ocymoides</i>	See page 126.		Late May to Aug.
"Purple-pink" often 46	NODDING WOOD HYACINTH	* <i>Scilla festalis</i> var. <i>cérnua</i> <i>S. nutans</i> var. <i>c.</i>	See page 126.		May, early June
"Pink" 36	PINK WOOD HYACINTH	<i>Scilla festalis</i> var. <i>ròsea</i> <i>S. nutans</i> var. <i>r.</i>	See page 126.		May to early June
"Flesh-color" 22 dull	FLESH-COLORED SPANISH SQUILL	** <i>Scilla hispánica</i> var. <i>cárnea</i> <i>S. campanulata</i> var. <i>c.</i> <i>S. patula</i> var. <i>c.</i>	See page 126.		Late May, June
"Rose" 36	ROSE-COLORED SPANISH SQUILL	** <i>Scilla hispánica</i> var. <i>ròsea</i> <i>S. campanulata</i> , <i>S. patula</i>	See page 126.		"
"Rose" 29 centre to 26 edge	FRENCH GALAX	<i>Schizocodon soldanelloides</i>	Mountain-loving plant of tufted habit. Prettily fringed flowers, deep rose in the centre, fading almost to white at the edges. Leaves evergreen, slightly tinted with bronze. Rock-garden. Prop. by seed. Sandy peat. Mts. Japan.	5-6 in. Shade	June
"Pale pink" 38	AUVERGNE HOUSELEEK	* <i>Sempervivum Arvernense</i>	Grown for its foliage. Small starry flowers with red anthers and filaments, in clusters of 8 or 9. Pale green succulent leaves in rosettes. Pretty as carpeting in rock-garden. Prop. by seed or offsets. Sandy soil. France.	6-8 in. Sun	June July
"Pale rose" 36 & 11	PURPLE-TIPPED HOUSELEEK	* <i>Sempervivum calcareum</i> <i>S. Californicum</i>	A good species. Thick rosettes of grayish green leaves, tipped with red, more attractive than the clusters of flowers. Pretty as carpeting for rock-garden. Prop. by division or offsets. Sandy soil. Alps of Dauphiny.	10-12 in. Sun	June
"Pink" 29 lighter	PINK BEAUTY	<i>Sidálcea malvæiflora</i> var. <i>Listeri</i> <i>S. Listeri</i>	More or less erect plant. Satiny fringed flowers 2-3 in. across, in terminal clusters. Good for cutting and border. Prop. by seed and division. Any garden soil. Europe.	3 ft. Sun	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rose pink" 38	AUTUMN CATCHFLY	<i>Silène Schäfta</i>	Cushion-like plant. Flowers in clusters on stems springing from rosettes of leaves. Rock-garden or edging. Prop. by seed and division. Sandy loam. Caucasus.	4-6 in. Sun	June to Sept.
"Deep pink" 24 brilliant	QUEEN OF THE PRAIRIE	* <i>Spiræa lobata</i> <i>S. palmata</i> , <i>Filipendula lobata</i> , <i>Ulmária rubra</i>	Wild in meadows and prairies. Spreading clusters of feathery flowers on erect leafy stems. Beautiful foliage. Effective in masses by water-side. Prop. by seed and division. Moist rich soil. Eastern U. S. A.	2-4 ft. Half shade	Early June to early July
"Carmine" 26 deep	PALMATE-LEAVED MEADOW SWEET	** <i>Spiræa palmata</i> <i>Ulmária purpurea</i> <i>Filipendula purpurea</i>	The best species of <i>Spiræa</i> . Broad clusters of brilliant flowers borne on erect stems. Tufted root-leaves palmately divided. Border or water-side. Prop. by seed and division. A fairly rich, moist soil. Japan.	2-4 ft. Half shade	Late June, July
"Pink" 22	ELEGANT PALMATE-LEAVED SPIRÆA	** <i>Spiræa palmata</i> var. <i>elegans</i> <i>Ulmária rubra</i> var. <i>elegans</i>	Decorative plant. Flowers profuse, in feathery clusters. Good for cutting. Fine foliage. Border or water-side. Prop. by seed and division. Moist rich soil. Japan.	1-3 ft. Half shade	"
"Rose"	HILL-LOVING SEA LAVENDER	<i>Státice collina</i> <i>S. Besseriána</i>	Branching plant. Small flowers in spikes. Foliage grayish. Plant in isolated clumps or in rock-garden. Prop. by seed and division. Sandy well-drained soil. S. Eastern Europe; W. Asia.	1 ft. Sun	June, July
"Pink" 29 lighter	SAXIFRAGE-LIKE TUNICA	* <i>Tunica Saxifraga</i>	Charming little spreading herb. Quantities of tiny flowers varying from pale to dark pink. Minute dark green foliage. Attractive in rock-garden or edge of border. Prop. by seed and division. Any soil. Asia; S. Europe.	6-10 in. Sun	"
"Pink" 36	COMMON VALERIAN, GARDEN HELIOTROPE, ST. GEORGE'S HERB	<i>Valeriána officinális</i>	Very hardy, spreads rapidly. Small aromatic flowers form dense clusters. Foliage fragrant and showy. Border or wild garden. Prop. by seed and division. Any garden soil. Europe; Asia.	2-5 ft. Sun	June
"Pink" near 45	PINK LONG-LEAVED SPEEDWELL	<i>Verónica longifolia</i> var. <i>rosea</i>	Hardy in southern New England. Abundant flowers in dense spikes. Good foliage. Border. Prop. by division or cuttings. Garden soil. Europe.	2-3 ft. Sun	June, July
"Pink" 29 light	PINK SPIKE-FLOWERED SPEEDWELL	* <i>Verónica spicata</i> var. <i>rosea</i>	Conspicuous plant. Flowers in long dense spikes. Pretty in border. Prop. by division. Any garden soil. Hort.	1½-2 ft. Sun	"
"Deep purple" 49 darker	WILD MONKS-HOOD	** <i>Aconitum uncinatum</i>	Graceful and of almost vine-like habit. Hanging helmet-shaped flowers in loose panicles. Stems slender. Foliage deeply cut. Good border plant. Prop. by seed and division. Any garden soil. Japan; Southern U. S. A.	3-5 ft. Sun or half shade	Mid. June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 47	GLAND BELL-FLOWER	* <i>Adenóphora Lamárckii</i>	Similar to the Campanula. Drooping funnel-form flowers in many-flowered racemes. Border plant. Should not be disturbed when established. Prop. by seed preferably, or by cuttings in spring. Light, rich loam. E. Europe.	1-2 ft. Sun	June to Sept.
"Rosy lilac" 43	MT. LEBANON CANDYTUFT	<i>Æthionëma cordifolium Iberis jucunda</i>	Dainty flowers in tight clusters on leafy stems. Very pretty for rock-garden. Prop. in spring by seed, in summer by cuttings. A sandy soil is necessary. Lebanon; Taurus.	4-6 in. Sun	June
"Lilac" 26 purpler	LARGE-FLOWERED LEBANON CANDYTUFT	<i>Æthionëma grandiflorum</i>	See page 127.		May to Aug.
"Purple" 47	BROAD-STEMMED ONIONWORT	<i>Állium platycaulë A. anceps</i>	See page 127.		May, June
"Purple" 56 or 49	SHARP-SEPALED COLUMBINE	* <i>Aquilëgia oxysépala</i>	See page 127.		"
"Purple" 56 or 49	EUROPEAN COLUMBINE	* <i>Aquilëgia vulgaris A. stellata, A. atrata</i>	See page 127.		Mid. May to July
"Pinkish lavender" 37	ALPINE THRIFT	* <i>Armëria alpina</i>	See page 43.		Late Apr. to mid. June
"Lavender" near 37	PLANTAIN-LIKE THRIFT	* <i>Armëria plantaginëa</i>	See page 128.		Mid. May to late June
"Greenish purple"	ASARABACCA, HAZELWORT	<i>Ásarum Europæum</i>	See page 128.		May, June
"Violet" 46	BLUE ALPINE ASTER	** <i>Áster alpinus</i>	See page 128.		Late May to late June
"Dark purple"	OREGON BOLANDRA	<i>Bolándra Oregana</i>	A compact neat plant with flowers in flat-topped clusters. Suitable for damp situation in the rock-garden. Recently introduced. Oregon.	15-20 in. Sun	June
"Purple" 47 dull	LARGE SELF-HEAL	<i>Brunëlla grandiflora B. Pyrenaica</i>	Flowers in heads rise above the thick foliage. Pretty for rock-garden and for carpeting. Any soil not too dry. Europe.	8-12 in. Half shade	June, July
"Purple" 48	ALPINE CALAMINT	<i>Calamíntha alpina</i>	Branching tufted plant with fragrant flowers, similar to those of Thyme, borne in whorls. Plant in the rock-garden. Prop. by seed, division in spring, or cuttings. Any garden soil. S. Europe.	6 in. Sun	June



CARPATHIAN HAIRBELL. *Campanula Carpatica*.



CLUSTERED BELLEFLOWER. *Campanula glomerata*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Lilac purple" 23 dull	<b>TOM THUMB CALAMINT</b>	<b>Calamintha glabella</b>	Pretty and minute alpine plant of tufted habit, the flowers having an aromatic fragrance. Rock-garden. Prop. by division. Sandy loam. N. Amer.	3 in. <i>Sun</i>	June, July
"Purple" 55 & 44	<b>RUSSIAN BELL-FLOWER</b>	* <b>Campánula Bononiensis</b> var. <b>Ruthénica</b> <i>C. Ruthénica</i>	Sixty to a hundred small funnel-shaped flowers in long loose pyramidal spikes. Dark green leaves. A showy border plant. There is a pretty white var. Prop. by seed. Rich well-drained loam. Caucasus; Tauria.	2-3 ft. <i>Sun</i>	June
"Violet" 47 shading darker	<b>CARPATIAN HAIRBELL</b>	** <b>Campánula Carpatica</b>	Very pretty and free flowering species. Neat compact plant bears a continuous wealth of large erect cup-shaped flowers, 1½ in. across, above the pretty clean foliage. Useful for cutting. Invaluable for border or rock-garden. Easily cultivated. Prop. by seed, division or cuttings. Rich well-drained loam. Transylvania. See Plate, page 235. Var. <i>Hendersoni</i> ( <i>C. Carpatica turbinata Hendersoni</i> ). Very variable form; in height and shape of flowers resembles var. <i>turbinata</i> , but is more robust. Rich mauve flowers in pyramidal racemes. A handsome hybrid. Hort. Var. <i>pelviformis</i> . Widely spreading fragrant flowers, almost 2 in. across, borne freely on branching stems. Pretty foliage like the type. Rock-garden or border. Var. " <i>Riverslea</i> "; (color no. 46 deep), stronger var., height 6-8 in.; flowers bluer than the type and 3 in. across. Desirable in rock-garden or border. Hort. Var. <i>turbinata</i> ( <i>C. turbinata</i> ), Turban Bell-flower. Height 6-12 in. Good var. lower and more compact than the type. Solitary deep purple flowers, 1½-2 in. across, on erect stems. Leaves also larger. There is a fine though rare pale var. Transylvania. Var. " <i>G. F. Wilson</i> "; (color no. 44 darker), 6-12 in., a dwarf var., hybrid of var. <i>turbinata</i> and <i>C. pulla</i> . "It has the large flowers of the former and handsome dark foliage of the latter." Hort.	9-18 in. <i>Sun</i>	Late June to late Aug.
"Pale blue violet" 44 deep	<b>GARGANO HAIRBELL</b>	* <b>Campánula Gargánica</b>	See page 128.		May to Sept.
"Purple" 48	<b>DANES' BLOOD, CLUSTERED BELL-FLOWER</b>	** <b>Campánula glomerata</b>	One of the best Campanulas. Erect stems bear funnel-shaped flowers, in dense terminal heads. Charming border plant. There is also a white flowered form. Prop. by seed, division or	1-2 ft. <i>Sun</i>	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep purple" 48	LARGE-BLO-SOMED BELL-FLOWER	** <i>Campánula latifolia</i> var. <i>macrantha</i> <i>C. macrantha</i>	cuttings. Rich loam well-drained. Europe; Asia. See Plate, page 236. **Var. <i>Daburica</i> , a common form and excellent plant. Flowers larger than the type in clusters 3 in. thick. Hort. Better known than the type and larger in every way. Flowers nearly as large as Canterbury Bells. Somewhat rank in growth, but a fine border plant. Prop. by seed, division or cuttings. Rich loam well-drained. Central Europe.	3-5 ft. <i>Sun or shade</i>	Early June, July
"Violet" 47 shading darker	PEACH-LEAVED BELL-FLOWER, PEACH BELLS	** <i>Campánula persicifolia</i>	A very charming plant. Many large cup-shaped flowers, 2 in. across, ranging along tall stems, are borne above the tuft of pretty foliage. Flowers a second time. Good for cutting. A graceful plant to group in border or along edge of shrubbery. Prop. by seed and division. Easily cultivated in rich soil. Central and N. Europe. The white var. is especially pleasing. Var. <i>grandiflora</i> , larger flowers. Desirable.	1½-3 ft. <i>Sun</i>	Early June to mid. July
"Purple" 48	WALL HAIRBELL	<i>Campánula Portenschlägi</i> <i>C. muralis</i>	See page 131.		May, June
"Purple" 39 & 47	RAINER'S BELL-FLOWER	* <i>Campánula Rainerii</i>	A sturdy dwarf compact plant. Each branch bears a large open erect flower. Rock-garden. Protect from slugs. Prop. by seed, division or cuttings. Rich gritty loam well-drained. Italian Alps.	2-3 in. <i>Sun</i>	Mid. June to late July
"Violet" 47 shading to 49	ENGLISH HAIRBELL, BLUE BELLS OF SCOTLAND	** <i>Campánula rotundifolia</i>	A lovely little plant with drooping bell-flowers on delicate wiry stems. Pretty for borders, though especially suited for crevices in the rock-garden, or naturalization on steep slopes when planted so that the pendent habit is shown. Prop. by seed, division or cuttings. Rich loam, well-drained. N. Temp. Region. Var. <i>Hostii</i> ; ( <i>C. Hostii</i> ), larger flowers on stouter stems. There is a white form which is not so vigorous, though the flowers are as large. *Var. <i>soldanæflora</i> ; ( <i>C. soldanella</i> ), the Double Fringed Hairbell. Distinct var., blooms in June. Flowers are half-double and petals much divided. Hort.	6-12 in. <i>Sun</i>	June to late Aug.
"Violet" 40	VAN HOUTTE'S BELL-FLOWER	** <i>Campánula Van Houttei</i>	A fine species, resembling <i>C. punctata</i> . Solitary bell-shaped flowers 2 in. long nod from the branchlets. Excellent border plant. Prop. by seed, division or cuttings. Rich loam well-drained. Hort.	2 ft. <i>Sun</i>	Early June to mid. July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Violet" 47	BLUE SUCCORY OR CUPIDONE	* <i>Catanánche cærúlea</i>	An everlasting. Flower-heads 2 in. wide. Foliage at base of plant. Good for cutting. Prop. by seed and division. Any soil preferably light. Var. <i>bicolor</i> ; purplish white, centre color no. 41. Var. <i>alba</i> , white flowers. S. Europe.	2 ft. Sun	June to Sept.
"Purple" 46 shading to 39	MOUNTAIN BLUET OR KNAPWEED	** <i>Centaurea montana</i>	Large flowers, resembling the Cornflower, which turn redder as they grow old. Cottony foliage. Excellent for cutting and for the border. Prop. by division. Any good garden soil. Europe.	12-20 in. Sun	"
"Purple" 46 shading to 39	RAM'S HEAD LADY'S SLIPPER	* <i>Cypripedium arietinum</i>	See page 131.		Late May to Aug.
"Deep purple" 49 deep	KASHMIR LARKSPUR	* <i>Delphinium Cashmerianum</i>	Slender dwarf species. Terminal clusters of flat flowers, 1 in. or more across, which vary somewhat in color. Deeply cut rounded foliage in a tuft at the base. Especially suited for the rock-garden. Prop. best by seed, also by division and cuttings. Well-drained rich soil. Himalayas.	15 in. Sun	June, July
"Rosy purple" 39	COMMON OR EASTERN SHOOTING STAR, AMERICAN COWSLIP	* <i>Dodecátheon Meadia</i>	See page 131.		May, June
"Purple" 50	BLUE OR BITTER FLEABANE	<i>Erigeron ácris</i>	See page 131.		Mid. May to early June
"Purple" 43	THRIFT-LEAVED FLEABANE	* <i>Erigeron armeriæ-folius</i>	See page 131.		Late May, June
"Bluish purple" 43 deep & bluer	ROBIN'S PLANTAIN, ROSE PETTY	<i>Erigeron bellidifolius</i> <i>E. pulchellus</i>	See page 131.		Mid. May to July
"Purple" 32	ROUGH ERIGERON	* <i>Erigeron glabellus</i>	See page 131.		Late May, June
"Light purple" bet. 43 & 44	VERY ROUGH ERIGERON	* <i>Erigeron glabellus</i> var. <i>ásper</i>	Tufted plant bearing aster-like flowers. A rough shaggy var. Mass in wild spots or in the border. Prop. by seed and division. Any ordinary garden soil.	6-20 in. Half shade	Early June to mid. July
"Violet" 50 dull	BEACH ASTER	* <i>Erigeron glaucus</i>	See page 131.		Late May, June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple-lilac" 47 lighter	SHOWY FLEABANE	** <i>Erigeron speciosus</i> <i>Stenactis speciosa</i>	The most desirable species. Vigorous plant of erect habit. Aster-like yellow-centred flowers. Good for cutting. Plant in masses in the rock-garden or border. Prop. by seed and division. Any ordinary soil. N. Pacific Coast. Var. <i>superbus</i> has paler flowers and blooms more freely. Hort.	1½-2 ft. Sun	June, July
"Violet purple" 39 more violet	WALL ERINUS	* <i>Erinus alpinus</i>	See page 132.		May, June
"Light purple"	GLANDULAR STORK'S OR HERON'S BILL	<i>Erodium macradenium</i> <i>E. glandulosum</i>	Geranium-like alpine plant. Upper petals larger than the lower, spotted with deep purple. Continuous in bloom. Foliage aromatic. Plant in crevices in rock-garden. Pyrenees.	6-10 in. Sun	June to Sept.
"Purple"	MANES-CAUT'S STORK'S OR HERON'S BILL	<i>Erodium Manescavi</i>	Most vigorous and desirable of the family. Showy flowers, like the Geranium, 1½-2 in. across, 7-15 on the stem. Rock-garden or border. Prop. by seed and division. Dry soil not too rich. Pyrenees.	1-1½ ft. Sun	June, July
"Lavender" 45 bluer	OVAL-LEAVED PLANTAIN OR DAY LILY	* <i>Funkia ovata</i> <i>F. carulea</i> , <i>F. lanceolata</i>	Distinguished for striking foliage. Flowers bell-shaped in limp racemes well above a conspicuous tuft of dark glossy heart-shaped leaves. Requires space. Border. Prop. by newly ripened seeds or more commonly by division. Rich moist soil. Japan; N. China; Siberia. Var. <i>marginata</i> ; bizarre with white edged leaves, not very attractive. Hort.	1-2 ft. Half shade	June, early July
"Pale lilac" 43 lighter	SIEBOLD'S PLANTAIN OR DAY LILY	* <i>Funkia Sieboldiana</i> <i>F. cucullata</i> , <i>F. gigantea</i> , <i>F. glauca</i> , <i>F. Sieboldii</i> , <i>F. Sinensis</i>	The most decorative of the family, especially because of its luxuriant foliage. Resembles <i>F. subcordata</i> , but the flowers drooping and smaller do not rise above the large leaves which are a bluer green. Effective in the border. There is a var. with yellow-edged foliage. Prop. by newly ripened seed, or commonly by division. Cultivation easy, preferably in deep rich soil. Japan.	2-3 ft. Half shade or shade	June, July
"Lilac purple" 43	GOAT'S RUE	* <i>Galëga officinalis</i>	Bushy plant. Flowers pea-shaped in compact racemes, good for cutting. Foliage luxuriant and graceful. Plant groups in the border or wild garden. Prop. by seed and division. Any good soil. Europe; Asia.	2-3 ft. Sun or half shade	June to Sept.
"Dark magenta" 41	BALKAN CRANES-BILL	* <i>Geranium Balkanum</i>	Flowers at ends of long stems. Leaves fragrant. Border or rock-garden. Prop. by seed and division. Any good soil. S. Europe.	1 ft. Sun	June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" bet. 39 & 47	HILL-LOVING CRANES-BILL	<i>Geranium collinum</i> <i>G. Londessi</i>	One of the showiest <i>Geraniums</i> . Flowers produced on drooping stems. Foliage insignificant. Second bloom if cut before seeding. Wild garden or border. Prop. by seed and division. Any good soil. E. Europe.	2-3 ft. <i>Sun</i>	June, July
"Lavender" 39	WILD GERANIUM, WILD OR SPOTTED CRANES-BILL	<i>Geranium maculatum</i>	See page 132.		Early May to July
"Purple" 42	WALLICH'S CRANES-BILL	<i>Geranium Wallichianum</i>	Trailing plant with large flowers borne freely all summer amidst pretty light green foliage. Rock-garden. Prop. by seed and division. Any good soil. Himalayan Region.	12-15 in. <i>Sun</i>	June to Sept.
"Purple" 40 to 47	ROCKET, SWEET ROCKET, DAME OR DAMASK VIOLET	* <i>Hesperis matronalis</i>	Vigorous. Fragrant flowers in showy spikes. Hairy foliage. Divide often. Pretty for wild garden, shrubbery or mixed border. Will grow in a cold climate. Prop. by division and cuttings. Rich soil is best. Europe; Siberia.	1-3 ft. <i>Sun or half shade</i>	June, July
"Purple" 30 deeper to white	DOWNY HEUCHERA	<i>Heuchera pubescens</i> <i>H. rubifolia</i> , <i>H. pulverulenta</i>	See page 132.		Late May, June
"Bluish purple" 47	PYRENEAN DEAD NETTLE	<i>Horminum pyrenaicum</i>	No especial character. Tubular flowers in spikes rise from broad tufts of foliage. Border and excellent for rock-garden. Prop. by seed and division. Well-drained soil. S. Europe.	6-12 in. <i>Sun</i>	June
"Palest purple" 37 pale	LARGE HOUSTONIA	<i>Houstonia purpurea</i>	See page 132.		May, early June
"Purple" often 50	APPENDAGED WATER-LEAF	<i>Hydrophyllum appendiculatum</i>	See page 132.		Mid. May to early June
"Bluish purple" 49	HYSSOP	* <i>Hyssopus officinalis</i>	Well-known aromatic shrub of culinary and medicinal value. Flowers insignificant, sometimes white, in leafy spikes. Narrow leaves. Good as edging for beds or borders. Can be trimmed like Box. Prop. by seed, division or cuttings. Light rather dry loam; give plenty of water. S. Europe; Siberia.	1-2 ft. <i>Sun</i>	Mid. June to mid. Aug.
"Delicate lilac" 43 or 36	GIBRALTAR CANDYTUFT	* <i>Iberis Gibraltarica</i>	See page 135.		May, June
"Pale lilac" 44	CRESTED DWARF IRIS	** <i>Iris cristata</i>	See page 135.		Late May, June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple & lavender"	GERMAN IRIS, FLEUR-DE-LIS	** <i>Iris Germanica</i> vars.	See page 135, and Plate, page 243.		Late May, June
"Violet" 44 deep	GREAT PURPLE OR TURKEY FLAG	** <i>Iris pallida</i> <i>I. Junonia</i> , <i>I. Asiatica</i> , <i>I. sicula</i>	See page 135.		"
"Lilac" 50	PLAITED FLAG	** <i>Iris plicata</i> <i>I. apophylla</i> var. <i>plicata</i>	See page 135.		"
"Blue violet" 49	SLENDER BLUE FLAG	* <i>Iris prismatica</i> <i>I. Virginica</i> , <i>I. gracilis</i>	See page 135.		Mid. May to July
"Deep violet" 49	SIBERIAN FLAG	** <i>Iris Sibirica</i> <i>I. acuta</i>	See page 136 and Plate, page 244.		Late May to mid. June
"Bright purple" 56 lighter	LARGER BLUE FLAG	* <i>Iris versicolor</i>	See page 136.		Late May, June
"Violet purple" 49	ENGLISH IRIS	** <i>Iris xiphioides</i> <i>I. Anglica</i>	Beautiful bulbous Iris flowering at end of Iris season. Flowers resemble <i>I. Kämpferi</i> , though smaller, the type being purplish violet. Foliage grass-like. Light well-drained soil enriched. It is well to put sand about the bulb. Pyrenees. There are white, lavender, deep blue, reddish purple, and striped vars. <i>Mont Blanc</i> is a pretty white form.	1-2 ft. Sun	Late June, July
"Purplish" 45	VARIEGATED NETTLE	<i>Lamium maculatum</i> <i>L. purpureum</i> (Hort.)	See page 136.		Mid. May to late July
"Purple" near 37 & 40	BLACK PEA OR BITTER VETCH	<i>Lathyrus niger</i> <i>Orobus niger</i>	Of the Pea order. Not a climber. Small flowers in clusters of 6 or 8. Compound leaves, pale green, or when dry, black. Good ground cover for border. Prop. by seed and division. Any soil. Central Europe.	1-2 ft. Shade	June, July
"Lilac" 47 light	KENILWORTH IVY, MOTHER-OF-THOUSANDS	<i>Linaria Cymbalaria</i>	Tender perennial ivy-like creeper, killed by frost, which perpetuates itself by seed. Flowers small, foliage pretty. Useful to trail over walls and in odd corners. Protect slightly in winter. Prop. by seed and division. Moist soil. There is a pretty white var. Europe.	4 in. Half shade	June to Sept.
"Purple" bet. 47 & 48	TALL BLUE-FLOWERED PERENNIAL LUPINE	** <i>Lupinus polyphyllus</i> <i>L. grandiflorus</i>	Pea-shaped flowers in long spikes rise above the handsome clump of satiny palmate leaves. Good old-fashioned border plant. Prop. by seed and division. Any garden soil. Cal.	2-5 ft. Sun	June, July



FLEUR-DE-LIS. *Iris Germanica*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" near 29 duller	SLENDER-BRANCHED PURPLE LOOSE-STRIFE	<i>Lýthrum virgatum</i>	Flowers borne in threes, forming loose racemes on long leafy stems. Shrubbery or border. Prop. by division. Any good garden soil. Europe; Asia.	2-3 ft. Sun	June, July
"Violet" 44 pinker	SHARP-LEAVED BEARD-TONGUE	* <i>Pentstemon acuminatus</i>	Erect glaucous plant. Flowers lilac, changing to violet, in slender interrupted panicles on leafy stems. Border. Prop. by seed and division. Any good garden soil. S. Western U. S. A.	1-2 ft. Sun	June, early July
"Light purple" 47	DIFFUSE PENTSTEMON OR BEARD-TONGUE	** <i>Pentstemon diffusus</i>	Half shrubby plant. Tube-shaped flowers in showy open spikes. Winter protection of leaves advisable. Excellent border plant. Prop. by seed and division. Any soil. N. Western Amer	1-2 ft. Sun	Early June to early July
"Lilac purple" 45	SLENDER BEARD-TONGUE	* <i>Pentstemon grácilis</i>	See page 136.		Late May to early July
"Rosy purple" 47	OVAL-LEAVED PENTSTEMON	<i>Pentstemon ovatus</i> <i>P. glaucus</i>	See page 136.		Late May to late June
"Pale violet" 47, edge white	DOWNY PENTSTEMON	* <i>Pentstemon pubescens</i>	See page 136.		Late May to mid. July
"Lavender" 44	ONE-SIDED PENTSTEMON OR BEARD-TONGUE	** <i>Pentstemon secundiflorus</i>	Numerous tubular flowers, opening broadly, in a long florescence. Long and narrow grayish foliage. One of the showiest Pentstemons. Effective in border or rock-garden. Protect in winter. Prop. by seed and division. Any soil. Col.	12-18 in. Sun	June, July
"Deep violet"	VIOLET PRAIRIE CLOVER	<i>Petalostemon violaceus</i> <i>Kuhnistera purpurea</i>	Broad bushy plant bearing many showy flower-spikes. Foliage finely divided. Plant in rock-garden or border. Prop. by seed and cuttings. Any light soil. Ind. to Tex.	1½-3 ft. Sun	June until frost
"Bluish purple" bet. 44 & 50	AMERICAN JACOB'S LADDER, CHARITY	** <i>Polemonium cæruleum</i>	See page 139.		Mid. May to July
"Purple" 43 light	EAR-LEAVED PRIMROSE	* <i>Primula auriculata</i> <i>P. longifolia</i>	See page 139.		May, June
"Deep blue-purple"	ROUND-HEADED HIMALAYAN PRIMROSE	* <i>Primula capitata</i>	See page 139.		May, early June
"Pale purple" 43 to white	TOOTH-LEAVED PRIMROSE	* <i>Primula denticulata</i>	See page 139.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Dark purple" 44 deeper	KASHMIR TOOTH-LEAVED PRIMROSE	* <i>Primula denticulata</i> var. <i>Cachemiriàna</i> <i>P. Cachemiriàna</i>	See page 139.		May, early June
"Lilac purple" 43 pale	BIRD'S-EYE PRIMROSE	* <i>Primula farinosa</i>	See page 139.		"
"Purple" near 30 deeper to white	JAPANESE PRIMROSE	** <i>Primula Japonica</i>	See page 139 and Plate, page 247.		Late May to Aug.
"Violet purple" 52 more violet	ROSETTE MULLEIN	* <i>Ramonda Pyrenaica</i> <i>Ramonda Pyrenaica</i>	See page 139.		Mid. May to July
"Purple" 44 bluer	ROSEMARY, OLD MAN	* <i>Rosmarinus officinalis</i>	Tender aromatic sub-shrub. Small flowers in short racemes. Leaves of culinary and medicinal value. Often seen in old-fashioned borders. Protect in winter. Prop. by seed, cuttings or layers. Dry light soil. Mediterranean Region.	2-4 ft. <i>Sun</i>	June, July
"Bluish violet" 44	TWO-COLORED SAGE	<i>Salvia bicolor</i>	See page 140.		Late May, June
"Blue purple" 44 deep	VERVAIN SAGE	<i>Salvia Verbenacea</i> <i>S. spelmiana</i> , <i>S. Spemannii</i>	Flowers occasionally whitish. Border. Prop. by seed. Rich soil. Great Britain; Asia.	2-3 ft. <i>Sun</i>	June, July
"Bluish purple" near 50	SMALL OR LILAC-FLOWERED SCABIOUS	<i>Scabiosa Columbaria</i>	Branching plant with flowers in globular heads, 1½ in. wide. Good for cutting. Plant in picking garden. Prop. by seed and division. Any garden soil. Europe.	1-2 ft. <i>Sun</i>	June to Oct.
"Lilac" 43	LILAC WOOD HYACINTH	* <i>Scilla festalis</i> var. <i>lilacina</i>	See page 140.		May, early June
"Purple" 43 deep	WIDOW'S CROSS, BEAUTIFUL STONE-CROP	<i>Sedum pulchellum</i>	Wild on rocks. Pretty trailing species. Flowers small and closely packed on many branches. Tiny succulent leaves turning reddish or purple. Carpeting for border or rock-garden. Prop. by seed or offsets. Any ordinary soil. U. S. A.	3-6 in. <i>Sun</i>	June, July
"Pinkish purple" 43	CUSHION PINK, MOSS CAMPION	* <i>Silene acaulis</i>	Mossy dwarf herb with small flowers just peeping out from a dense mass of pale green foliage. Rock-garden. Prop. by seed and division. Sandy loam. Europe.	2 in. <i>Sun</i>	"
"Rich purple"	LARGE-FLOWERED BLUE-EYED GRASS	<i>Sisyrinchium grandiflorum</i> <i>S. Douglasii</i>	See page 140.		May, June



JAPANESE PRIMROSE. *Primula Japonica*.

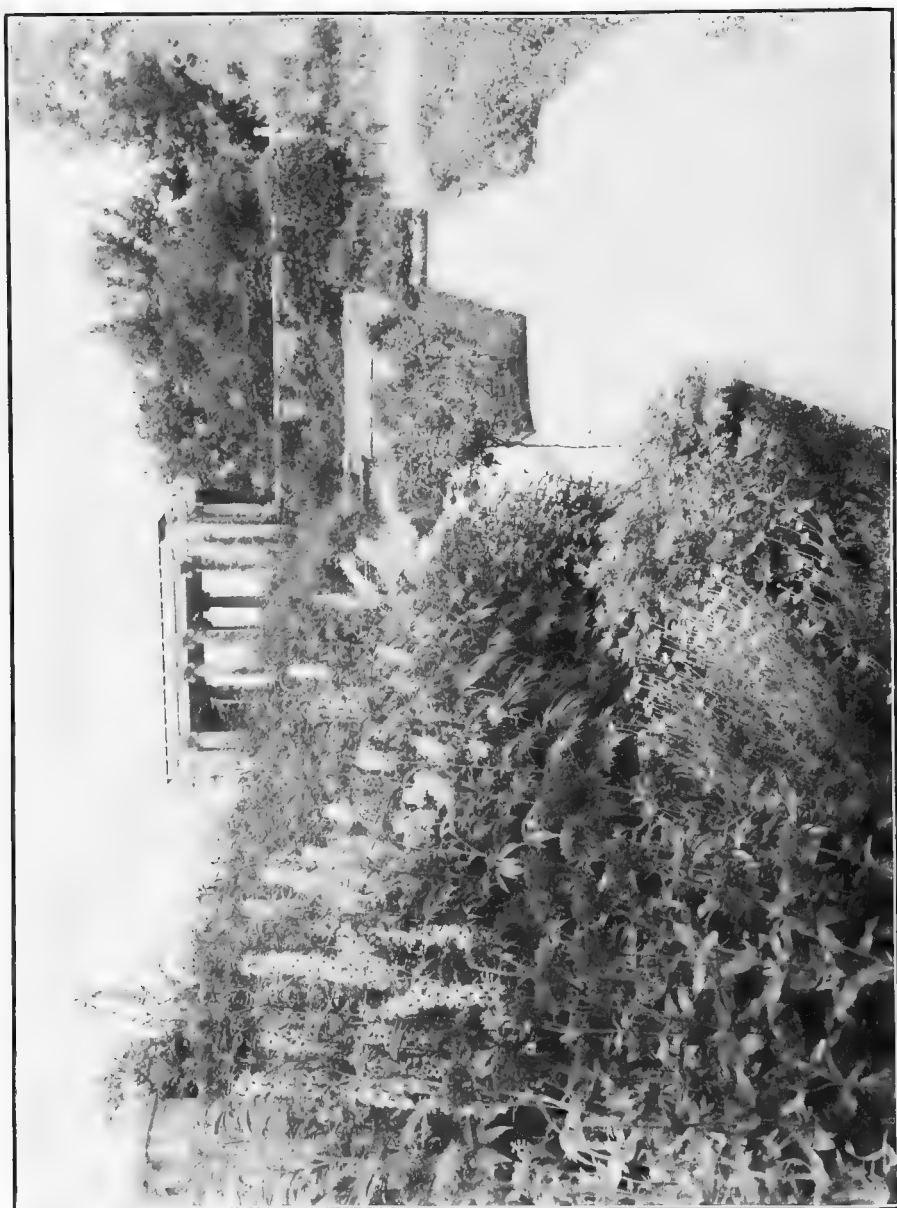


Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple red" 41	WOOD BETONY	<i>Stachys Betonica Betonica officinalis</i>	Flowers in showy spikes. Prettily shaped dark green leaves. Border or wild garden. Prop. by seed and division. Moist soil preferable. Europe; Asia Minor. See Plate, page 248.	1-2½ ft. Sun	Late June, July
"Violet" often 45	LARGE-FLOWERED WOUND-WORT	* <i>Stachys grandiflora Betonica rosea</i>	Large flowers in whorls, occasionally pinkish. Broad heart-shaped leaves. Good in border. Prop. by seed and division. Ordinary garden soil. Asia Minor.	1-1½ ft. Sun	Mid. June to late July
"Purple" near 37	WOOLLY WOUND-WORT	<i>Stachys lanata</i>	Effective plant. Flowers in thick showy interrupted spikes. Foliage silvery and woolly, in low tufts. Border or as edging. Prop. by seed and division. Ordinary soil. Tauria to Persia.	1-1½ ft. Sun	"
"Lilac" 43	MOTHER OF THYME, CREEPING THYME	<i>Thymus Serpyllum</i>	Creeping evergreen. Tiny flowers in whorls. Aromatic leaves, slightly downy, in dense masses. Good in rock-garden for covering arid ground, or as an edging. Prop. by division. Flourishes in poor soil. Europe; Asia; N. Africa. Among the most desirable forms are: var. <i>argenteus</i> , bright green foliage slightly streaked with silver. Var. <i>aureus</i> , golden leaves, especially beautiful in spring. Var. <i>citriodorus</i> , Lemon Thyme, 2-3 in. high, very small leaves, lemon-like fragrance. Var. <i>lanuginosus</i> , downy gray foliage. Effective for compact carpeting.	3-4 in. Sun	Mid. June to mid. Aug.
"Pale lilac" 37	COMMON GARDEN THYME	<i>Thymus vulgaris</i>	Aromatic herb of dense growth valued in cookery. Small flowers in terminal spikes. Bright pale green foliage. Attractive as carpeting for banks, rock-garden or border. Prop. by seed and division. Any soil. Europe.	1-2 in. Sun	June, July
"Purple" 44, 48 or 49	COMMON SPIDER-WORT	* <i>Tradescantia Virginiana T. Virginica</i>	See page 140.		Late May to late Aug.
"Purple" 46	LONG-LEAF-STALKED TRILLIUM	<i>Trillium petiolatum</i>	See page 140.		May, early June
"Purple" 46	HERBACEOUS PERIWINKLE OR MYRTLE	<i>Vinca herbacea</i>	See page 141.		Late May, June
"Violet" 47 or 49	HORNED VIOLET, BEDDING PANSY	** <i>Viola cornuta</i>	See page 48.		Late Apr. until frost

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Lilac" usually 50	BIRD'S-FOOT VIOLET	* <i>Viola pedata</i>	See page 141.		May, June
"Ultra-marine blue" 54 pale & dull	CRISPED METALLIC BUGLE	* <i>Ajuga metálica</i> var. <i>crispa</i>	See page 141.		"
"Blue" 46	BUGLE	** <i>Ajuga réptans</i>	See page 141.		Early May to mid. June
"Sky blue" 51	AZURE ONION-WORT	<i>Álium azureum</i>	Flowers, striped with a darker shade, in dense clusters. Large leaves springing from the root. Easily cultivated. Plant in masses in border or wild garden. Bulbous. Prop. by seed or offsets. Well-drained soil. Siberia.	1-2 ft. Sun	June, July
"Light blue" 58 lighter	NARROW-LEAVED AMSONIA	* <i>Amsônia angustifolia</i> <i>A. ciliata</i>	See page 142.		May, June
"Light blue" 58 pale	AMSONIA	** <i>Amsônia Tabernæmontana</i> <i>A. latifolia</i> , <i>A. salicifolia</i> , <i>Tabernæmontana Amsônia</i>	See page 142.		Late May, early June
"Dark blue" 62	BARRE-LIER'S ALKANET	* <i>Anchusa Barrelieri</i>	See page 142.		May, June
"Blue" 54	CAPE ALKANET	* <i>Anchusa Capensis</i>	See page 142.		Late May to early July
"Blue" 54, buds 41	ITALIAN ALKANET	* <i>Anchusa Itálica</i>	See page 142.		Late May to mid. July
"Blue" 46 & white	ALPINE COLUMBINE	* <i>Aquilegia alpina</i>	See page 142.		May, June
"Blue" near 47	LONG-SPURRED COLUMBINE	** <i>Aquilegia cærúlea</i> <i>A. leptoceras</i> , <i>A. macrantha</i>	See page 145 and Plate, page 251.		Mid. May to July
"Deep blue" 63 & white	ALTAIAN COLUMBINE	** <i>Aquilegia glandulosa</i>	See page 145.		May, June
"Lilac blue" 44 blue & white	STUART'S COLUMBINE	* <i>Aquilegia Stüarti</i>	See page 145.		Mid. May to July



LONG-SPURRED COLUMBINE. *Aquilegia cærulea*.



ORIENTAL LARKSPUR. *Delphinium formosum*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 63	BLUE WILD OR FALSE INDIGO	** <i>Baptisia australis</i> <i>B. caerulea</i> , <i>B. exaltata</i>	See page 145.		Late May to mid. June
"Bluish" white & 57	LOOSE-FLOWERED BORAGE	* <i>Borago Laxiflora</i>	Somewhat coarse plants, this being a pretty species with drooping flowers, sometimes purplish, in racemes. Easily cultivated and naturalized in rough places. Prop. by seed, division or cuttings in spring. Any garden soil. Corsica.	1½-2 ft. <i>Sun</i>	June
"Pale blue" 62 lighter	TUFTED HAIRBELL	* <i>Campánula cæspitosa</i>	See page 145.		May to Aug.
"Purple blue" 46	GREAT BELL-FLOWER	* <i>Campánula latifolia</i>	Six to fifteen large erect hairy flowers in loose spikes. Border or margin of shrubbery. Prop. by seed and division. Rich loam well-drained. Var. <i>eriocarpa</i> is also a good plant. Central and N. Europe.	3-4 ft. <i>Sun or shade</i>	June to early Aug.
"Blue" 60	UNDIVIDED-LEAVED VIRGIN'S BOWER	* <i>Clématis integrifolia</i>	Herbaceous species of erect bushy habit. Large solitary drooping flowers terminate leafy stalks. Border and rock-garden. Prop. by seed and cuttings. Rich deep soil. Asia; Europe.	2 ft. <i>Sun</i>	Mid. June to Aug.
"Blue" 61	MUSK LARKSPUR	* <i>Delphinium Brunonianum</i>	Showy panicles of pretty flowers. Leaves three- or five-parted. Suitable for rock-garden or border. Prop. by seed, division or cuttings. Deep friable soil. Thibet.	6-18 in. <i>Sun or half shade</i>	June, July
"Blue" 60	CAUCASIAN LARKSPUR	* <i>Delphinium Caucasicum</i>	A dwarf species with 3-4 flowers on the stem. For cultivation, etc., see <i>D. Cashmerianum</i> . Caucasus.	3-4 in. <i>Sun</i>	"
"Blue" 61	BEE LARKSPUR	** <i>Delphinium elatum</i> <i>D. alpinum</i> , <i>D. pyramidale</i>	Numerous flowers marked with violet, in long wands. Finely divided foliage. If plants are cut back they will flower again. Good for border. Prop. by seed, division or cuttings. Deep friable or sandy soil, well enriched. Europe.	2-6 ft. <i>Sun or half shade</i>	June to Sept.
"Blue" usually 54	ORIENTAL LARKSPUR	** <i>Delphinium formosum</i>	One of the best species. Flowers with violet spurs, varying from deep to light blue, and closely set on tall spikes, rise from the handsome dark divided foliage. New flowers will come if the old are removed or whole plant cut down and top-dressing applied. Divide every 3 years. Charming in groups in border or in beds of shrubs, or naturalized. Prop. by seed, division, and cuttings, which will root without bottom heat. Blooms first year from seed sown the previous autumn or in hot-beds in March.	2-3 ft. <i>Sun or half shade</i>	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 62 or 54	HYBRID LARKSPUR	** <i>Delphinium hybridum</i>	Deep friable or sandy loam well enriched. Armenia. See Plate, page 252. Var. <i>caelestinum</i> ; (bet. color no. 51 & 57), a hybrid of a lovely light blue; very desirable. Flowers in large open spikes. Flowers in dense racemes. There are many vars. double and half double. Beautiful in border or front of shrubbery. See <i>D. formosum</i> . Hort. See Plate, page 255. Var. <i>Barlowi</i> ; (color 62 more violet), a large-flowered semi-double var. with deep blue flowers having brownish centres. Hort.	3-4 ft. <i>Sun or half shade</i>	June, July
"Deep blue" effect 46	LARGE-FLOWERED DRAGON'S-HEAD	* <i>Dracopis phalum grandiflorum</i> <i>D. Altaïense</i>	Quickly passing tubular flowers, which blossom well only in damp seasons, in dense spikes barely rising above the bright green foliage. Border plant. Prop. by seed and division. Moist sandy loam. N. Asia.	1 ft. <i>Half shade</i>	"
"Blue" 62 more violet	NODDING DRAGON'S-HEAD	* <i>Dracopis phalum nutans</i>	See page 146.		May, June
"Amethyst blue" 63 lighter	AMETHYST SEA HOLLY	** <i>Eryngium amethystinum</i>	Odd plant of thistle-like appearance. Round heads of flowers on blue stalks. Deeply cut spiny foliage. Useful for sub-tropical effects and for border. Prop. by seed or division. Light soil is best. Dalmatia; Croatia.	1-3 ft. <i>Sun</i>	June to early Sept.
"Blue" 62	GENTIANELLA, STEMLESS GENTIAN	* <i>Gentiana acaulis</i>	See page 146.		May, June
"Dark blue" 60	ALPINE GENTIAN	<i>Gentiana alpina</i>	See page 146.		"
"Light blue" 60 deeper & brilliant	VERNAL GENTIAN	* <i>Gentiana verna</i>	See page 51.		Apr. to early June
"Violet blue" 46 light	IBERIAN CRANES-BILL	<i>Geranium Ibèricum</i>	Showy plant. Flowers in loose clusters. Leaves deeply divided and rather decorative. Shrubby, border or rock-garden. Prop. by seed and division. Any good garden soil. Caucasus. Var. <i>platypetalum</i> ( <i>G. platypetalum</i> ). Flowers deeper and richer in color and larger than type, (bet. color nos. 47 & 48).	1-1½ ft. <i>Shade</i>	June to Sept.
"Dark blue"	DUSKY-FLOWERED CRANES-BILL, MOURNING WIDOW	<i>Geranium phæum</i>	A distinct species with very dark almost black flowers sparsely spotted with white. Border. Prop. by seed and division. Any good soil. Europe	2 ft <i>Shade</i>	Early June to mid. July



HYBRID LARKSPUR. *Delphinium hybridum*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 46 bluer	MEADOW CRANES- BILL	* <i>Geranium pratense</i>	Flowers large, in pairs. Foliage decorative. Border. Prop. by seed and division. Any good soil. Europe; Siberia. *Var. <i>flore-pleno</i> ; (color no. 46 bluer), shorter than the type, bearing darker colored very double flowers in profusion in early June and July. Often blossoms again in autumn. Border. Europe.	1½-2½ ft. Shade	June to Sept.
"Light blue" 52 deep & dull	HAIR- FLOWERED GLOBE DAISY	* <i>Globularia trichosantha</i>	See page 146.		Late May to Aug.
"Blue" 53	GLOBE DAISY	* <i>Globularia vulgaris</i>	Dense globular flower-heads surrounded by a tuft of leaflets. Rock-garden or margin of border. Prop. by seed and division. Moist peaty well-drained soil. S. Europe.	6-12 in. Half shade	June to Sept.
"Pale blue" 57	BLUETS, INNOCENCE, QUAKER LADY	* <i>Houstonia cærulea</i>	See page 149.		May, early June
"Light blue" 61	AMETHYST HYACINTH	* <i>Hyacinthus amethystinus</i>	See page 149.		"
"Bright blue or lilac" 60 or 49	SWORD- LEAVED FLAG	<i>Iris ensata</i> <i>I. biglumis</i> , <i>I. oxypétala</i> , <i>I. fragrans</i>	Small flowers, throat yellow, inner petals upright and slender. Glaucous foliage. Prop. by division after flowering. Rich well-drained soil. Russia; Caucasus; Japan.	1-3 ft. Sun	June
"Pale blue" effect 44	MISSOURI OR WESTERN BLUE FLAG	* <i>Iris Missouriënsis</i> <i>I. Tolmieana</i>	See page 149.		Late May, June
"Blue" bet. 54 & 56	NEGLECTED FLAG	** <i>Iris neglecta</i>	See page 149.		Late May to early June
"Blue"	EASTERN SIBERIAN IRIS	** <i>Iris Sibirica</i> var. <i>orientalis</i> <i>I. S. var. hamatophylla</i> , <i>I. S. var. sanguinea</i> , <i>I. hamatophylla</i> , <i>I. sanguinea</i>	A fine var. Flowers larger and of deeper color than the type; not lasting so long in bloom. New leaves bronze-tinted. Excellent compact border plant. Prop. by division. Rich dry or wet soil. Siberia.	1-2½ ft. Sun	June, early July
"Deep blue" bet. 54 & 56	SPURIOUS IRIS	* <i>Iris spuria</i>	See page 149.		Late May to late June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Violet blue" 46 & 2	SPANISH IRIS	** <i>Iris</i> <i>Xiphium</i> <i>I. Hispanica</i> , <i>I. spectabilis</i>	A lovely Iris. Large delicate flowers poised on slender stems, in varying shades of violet, blue and purple, with long narrow petals yellow in the middle. They run into pure yellow, white and many pretty combinations of color in the vars. Leaves slender and inconspicuous, disappearing when bulbs are ripe. Plant in sheltered places and where other foliage gives support. Excellent for cutting and easily cultivated. Bulbous. Prop. by offsets. Divide often. Loose friable loam well enriched. Spain; N. Africa. See Plate, page 256.	1-2 ft. <i>Sun</i>	Mid. June to July
"Blue" 61	AUSTRIAN FLAX	* <i>Linum</i> <i>Austriacum</i> <i>L. perenne</i> <i>var.</i> <i>Austriacum</i>	Small flowers in constant bloom. Leaves narrow. Border. Prop. by seed and division. Light rich soil. Austria.	1-2 ft. <i>Sun</i>	June to Sept.
"Blue" 54 lighter	PERENNIAL FLAX	** <i>Linum</i> <i>perenne</i>	See page 149.		Mid. May to Aug.
"Blue" 62	GENTIAN-BLUE CROMWELL	<i>Lithospermum</i> <i>prostratum</i>	See page 150.		May, June
"Blue" 62 greener	NOOTKA LUPINE	* <i>Lupinus</i> <i>Nootka-</i> <i>tensis</i>	See page 150.		Late May to early July
"Light blue" bet. 47 & 52	COMMON WILD LUPINE	* <i>Lupinus</i> <i>perennis</i>	Native plant. Pea-shaped flowers, varying to white, in long spikes. Foliage palmate. Good for wild garden. Prop. by seed and division. Any soil, preferably sandy. Canada; Atlantic States.	1-2 ft. <i>Sun</i>	June, July
"Blue" 51	SIBERIAN LUNGWORT	* <i>Mertensia</i> <i>Sibirica</i>	See page 150.		May, early June
"Deep sky blue" 58 brighter	EARLY FORGET-ME-NOT	* <i>Myosotis</i> <i>dissitiflora</i>	See page 52.		Late Apr. to July
"Bright blue" 58 brighter	TRUE FORGET-ME-NOT	* <i>Myosotis</i> <i>palustris</i>	See page 150.		May, June
"Blue" 57	EVER-FLOWERING FORGET-ME-NOT	* <i>Myosotis</i> <i>palustris</i> var. <i>sempervirens</i>	See page 153.		May to Sept.
"Blue" 58 darker	WOOD FORGET-ME-NOT	* <i>Myosotis</i> <i>sylvatica</i>	See page 153 and Plate, page 259.		May, early June



WOOD FORGET-ME-NOT. *Myosotis sylvatica*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 58 brilliant	ALPINE WOOD FORGET- ME-NOT	* <i>Myosotis sylvatica</i> var. <i>alpéstris</i> <i>M. alpéstris</i>	See page 153.		May, early June
"Blue" 53	LARGE- FLOWERED CATMINT	<i>Népeta</i> <i>Macrántlia</i>	Best of the Catmints. Erect branching habit. Border. Prop. by spring sown seed or division. Light well-drained soil. Siberia.	3-4 ft. <i>Sun</i>	Late June to early Sept.
"Pur- plish blue" 46	LARGE SMOOTH BEARD- TONGUE	* <i>Pentstémon glàber</i> <i>P. Górdoni</i> , <i>P. speciosus</i>	Many large tubular flowers, opening widely at the mouth, on unbranched grayish stalks. Foliage broad and long running up the flower stems. Handsome for the border. Prop. by seed and division. Moist rather rich soil. West of the Missouri.	1-2 ft. <i>Sun</i>	June, early July
"Bright blue" 46	BLUE SMOOTH BEARD- TONGUE	* <i>Pentstémon glàber</i> var. <i>cyanánthus</i> <i>P. cyaníthus</i>	See page 153.		Late May, June
"Lilac blue" 46	LARGE- FLOWERED BEARD- TONGUE	<i>Pentstémon grandiflorus</i>	Spikes of flowers resembling the Foxglove, 2 in. long, on gray-green stalks. Foliage broad. Winter protection of leaves advisable. Border. Prop. by seed and division. Any soil. Wisconsin, S. and W.	2-3 ft. <i>Sun</i>	Early June to early July
"Pur- plish blue" 46 & 41	SHOWY PENTSTE- MON OR BEARD- TONGUE	** <i>Pentstémon spectábilis</i>	Handsome showy species. Many flowers, 1 in. long, in long inflorescence. Foliage somewhat grayish. Very effective border plant. Prop. by seed and division. Any good soil. New Mexico.	2-2½ ft. <i>Sun</i>	Early June to mid. July
"Pur- plish blue" 46 dull	MICHELÍ'S HORNED RAMPION	* <i>Phyteûma Michéllii</i>	Neat habit. Curious flowers in spherical clusters. Long narrow leaves. Suitable for the rock-garden. Prop. by seed or division in spring. Any good garden soil. Sardinia.	6-8 in. <i>Sun</i>	Late June, July
"Pale blue" 52	DWARF JACOB'S LADDER	** <i>Polemónium hùmile</i> <i>P. Richardsonii</i>	Very good species. Low alpine plant. Clusters of bell-shaped flowers with golden anthers. Good in border or in groups in rock-garden. Prop. by seed and division. Rich loam. Arctic Regions.	6 in. <i>Half shade</i>	June, July
"Light blue" bet. 46 & 52	GREEK VALERIAN	* <i>Polemónium réptans</i>	See page 55.		Late Apr. to early June
"Azure blue"	HIMA- LAYAN VALERIAN	* <i>Polemónium réptans</i> var. <i>Hima- layanum</i> <i>P. grandiflorum</i> , <i>P. cærúleum</i> var. <i>g.</i>	See page 153.		Late May to early July

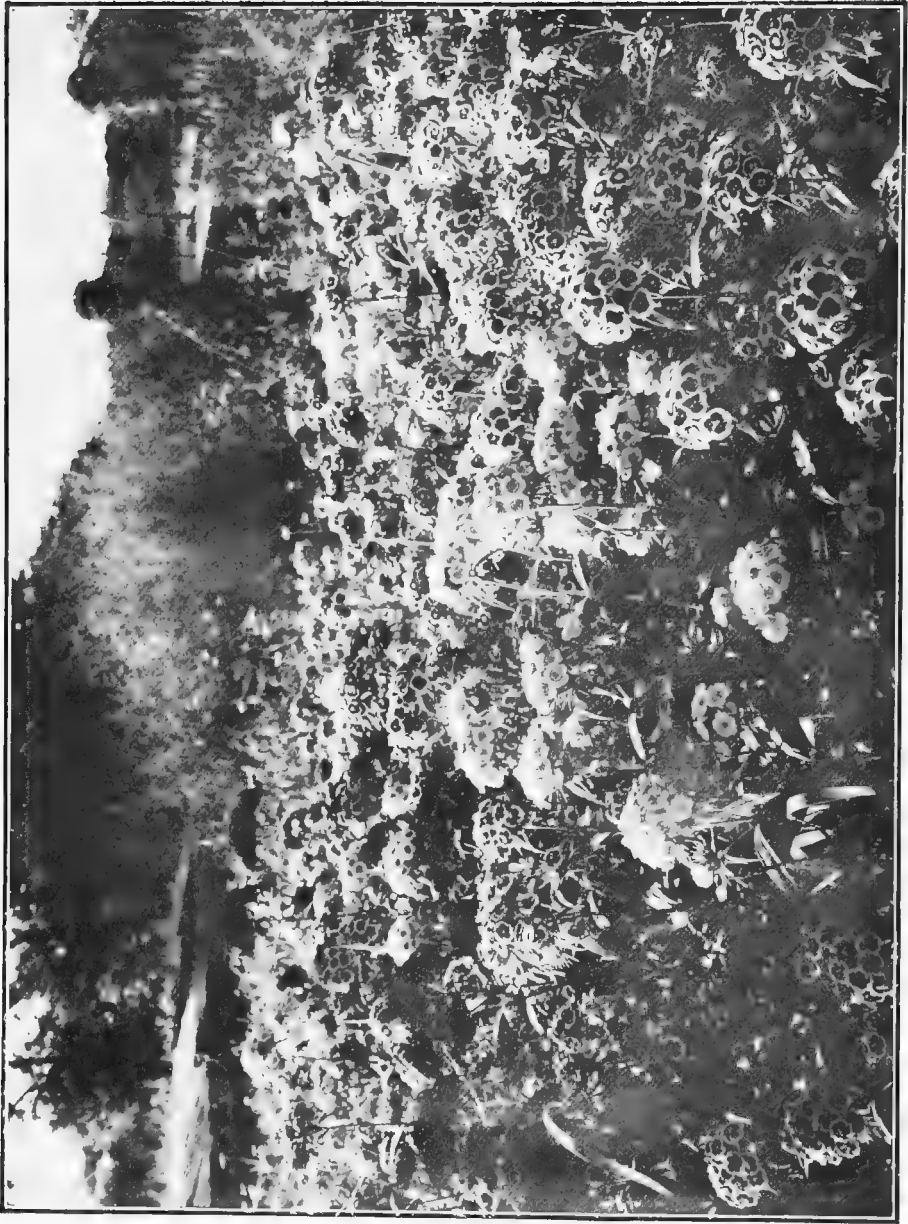
Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep violet blue" near 47	MEADOW SAGE	** <i>Salvia pratensis</i>	The most popular hardy blue-flowered <i>Salvia</i> . Flowers clustered in large spikes. Foliage in clumps. Excellent in border. Prop. by seed. Any soil. Europe.	2-3 ft. <i>Sun</i>	June, early July
"Blue" 53 light	PIN-CUSHION FLOWER	** <i>Scabiosa Caucásica</i>	The best free-blooming vigorous species. Rayed flowers on long stems in flat heads with pale centres. Insignificant grayish foliage. Excellent for cutting. Border or picking garden. Protect in winter. Prop. by seed and division. Fairly good garden soil. Caucasus Mts.	1½-2 ft. <i>Sun</i>	June, July
"Pale blue" often bet. 43 & 44	GRASS-LEAVED SCABIOUS	* <i>Scabiosa graminifolia</i>	Graceful habit. Flowers occasionally lavender. Silvery white foliage. Rock-garden. Prop. by seed and division. Fairly good garden soil. S. Europe.	1-1½ ft. <i>Sun</i>	June to Oct.
"Bluish" near 39 paler	WOODLAND SCABIOUS	* <i>Scabiosa sylvatica</i>	Thick bushy plant. Solitary flowers on long stems. Good for cutting. Leaves large. Border or picking garden. Prop. by seed or division. Ordinary garden soil. Europe.	1-2 ft. <i>Sun</i>	Early June to late Sept.
"Blue" 32, turns 61	PRICKLY COMFREY	<i>Symphytum aspernum</i>	See page 154.		Late May to mid. July
"Blue" bet. 60 & 61	ANGEL'S OR BIRD'S EYES, GERMANDER SPEEDWELL	** <i>Verónica Chamædrys</i>	See page 154.		Late May, June
"Blue" 46	HOARY SPEEDWELL	** <i>Verónica incana</i> <i>V. candida</i> , <i>V. neglecta</i>	Vigorous plant. Small blue flowers in numerous slender spikes. Downy grayish foliage. Excellent for border and rock-garden. Prop. by division. Garden soil. S. Western Europe; N. Asia.	1-2 ft. <i>Sun</i>	Mid. June to late July
"Light blue" 50	COMMON SPEEDWELL	<i>Verónica officinalis</i>	See page 154.		May to Aug.
"Deep blue" near 47	SCALLOPED-LEAVED SPEEDWELL	* <i>Verónica pectinata</i>	See page 154.		May, June
"Purple blue" 54	ROCK SPEEDWELL	** <i>Verónica rupëstris</i> <i>V. fruticulosa</i>	See page 154.		Mid. May to late June
"Bright blue" 61 duller	SPIKE-FLOWERED SPEEDWELL	** <i>Verónica spicata</i>	One of the best species. Dense spikes of flowers generally clear blue, sometimes pale pink. Downy foliage. Excellent and invaluable for border. Prop. by seed and division. Any good garden soil. Europe; N. Asia.	2-2½ ft. <i>Sun</i>	Early June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pale blue" 53 pale	BASTARD SPEEDWELL	* <i>Verónica spúria</i> <i>V. paniculata</i> , <i>V. amethystina</i>	See page 154.		Mid. June
"Intense blue" bet. 60 & 61	HUNGARIAN SPEEDWELL, SAW-LEAVED SPEEDWELL	** <i>Verónica Teucrium</i>	See page 155.		Late May to early June
"Blue" near 47	BROAD-LEAVED HUNGARIAN SPEEDWELL	<i>Verónica Teucrium</i> var. <i>latifolia</i>	Tall var. with leaves larger than the type. A good border plant. Prop. by seed or division. Any garden soil. Europe.	2-3 ft. <i>Sun</i>	June, July
"Violet blue"	PEA-LIKE VETCH	<i>Vicia oroboides</i> <i>Orobis lathyroides</i>	Striking pea-shaped flowers in dense clusters. Leaves very pointed. Border or wild garden. Prop. by seed. Any garden soil. Siberia.	1-3 ft. <i>Sun</i>	June
"Purple blue" 53	ARROW-LEAVED VIOLET	<i>Viola sagittata</i> <i>V. dentata</i>	See page 155.		May, early June
"Parti-colored" 6 shading from 19 to 14	GREAT-FLOWERED GAILLARDIA	** <i>Gaillardia aristata</i> <i>G. grandiflora</i>	Daisy-like flowers in profusion, petals yellow tipped shading to reddish brown in centre; last well and are desirable for cutting. Foliage deficient. Group in the border. Prop. by seed, division or cuttings. Blossoms the first season and continues in bloom after frost. Light well-drained porous soil. Western U. S. A. Var. <i>*grandiflora</i> , best of species; flowers larger than type.	1½-3 ft. <i>Sun</i>	June to Nov.
Often 46 deep with 1 & 35	BROWN-FLOWERED IRIS	* <i>Iris squaleus</i>	See page 155.		Late May, June
Parti-colored	HERBACEOUS PEONY	** <i>Pæonia</i> vars.	See color "various," page 270.		June
Parti-colored	DOUBLE HYBRID CINQUE-FOIL	* <i>Potentilla hybrida</i> vars.	Somewhat trailing and rather tender double hybrids which bloom more or less all summer. Velvety buttercup-like flowers produced in profusion. Strawberry-like foliage. Effective in border and rock-garden. Protect in winter. Prop. by root division in spring. Light sandy soil. <i>Eldorado</i> ; purple suffused and edged with yellow. <i>Victor Lemoine</i> ; (mixed color nos. 17 brilliant & 6), red and yellow. <i>William Rollinson</i> ; (color nos. 12 & 15), height 12-18 in., reddish brown and orange; foliage beautiful. Hort.	2 ft. <i>Sun</i>	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various often 21	LONG-LEAVED BEAR'S BREECH	* <i>Acánthus longifolius</i>	One of the hardiest species. Flowers white to purplish brown, in loose spikes. Ornamental chiefly for its large beautifully shaped bright green leaves which are longer than in <i>A. mollis</i> . Looks well in the border or rock-garden. Protect in winter. Prop. by seed or division in spring or fall. Light well-drained loam. S. Europe.	3-4 ft. Sun	June, July
Various	FAN-SHAPED COLUMBINE	* <i>Aquilègia flabellàta</i>	Compact growing species with showy purple, bright lilac or white flowers. Spurs short and incurved. Handsome foliage. Prop. by seed. It prefers a light well-drained but moist loam. Japan. See Plate, page 260.	1-1½ ft. Sun	June
White to 48 duiller	DOUBLE-FLOWERED EUROPEAN COLUMBINE	* <i>Aquilègia vulgaris</i> var. <i>flòre-plèno</i>	See page 156.		Mid. May to July
Usually 21 or 2	WILD GINGER, CANADA SNAKEROOT	<i>Àsarum Canadènze</i>	Creeping plant with curious flowers, chocolate brown, greenish purple, or yellow, borne close to the ground and hidden by cyclamen-like leaves. Good under trees and easily cultivated in rich moist soil. Woods, Eastern U. S. A.	3-9 in. Sun or shade	Late June to early Aug.
36, 39, 47, 48, 43, 45 etc.	CANTERBURY BELLS	** <i>Campánula Mèdium</i>	An old favorite. Biennial plant of erect bushy habit bears spreading racemes of large bell-shaped flowers, contracted at the mouth, in shades of blue, purple or white and single or double. Border. Protect in winter. Prop. by seed which can be sown indoors. The plants set out in May will then flower the first year. Rich well-drained loam. S. Europe. See Plate, page 265. Var. <i>calycanthema</i> , commonly called Cup and Saucer or Hose and Hose. This form is the most frequently cultivated. The calyx is colored like the flower giving a cup-and-saucer effect. Blooms in July. Hort.	1½-4 ft. Sun	Late June, July
48, or white spotted with 45	NOBLE BELL-FLOWER	** <i>Campánula nobilis</i>	Nodding spotted flowers 3 in. long, reddish violet, cream-colored or white, are crowded near the ends of the branchlets. Broad foliage. Very handsome in border with good background. Prop. by seed and division. Rich well-drained loam. China.	2 ft. Sun	Mid. June to Aug.
36, 31, 27, 32	RED CHRYSANTHEMUM	** <i>Chrysánthemum coccíneum</i> <i>Pyrèthrum híbridum</i> , <i>P. ròseum</i>	Charming flowers like large Daisies, which vary from carmine through pink to white. Feathery foliage. A profuse bloomer. The old flowers should be cut off. Good for picking. Very attractive in clumps or masses in the border. Prop. by division.	1-2 ft. Sun	June, July



CANTERBURY BELLS. *Campanula Medium.*



SWEET WILLIAM. *Dianthus barbatus*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
62, 57	CHINESE LARKSPUR	<b>**Delphinium grandiflorum</b> var. <i>Chinense</i>	Any good well enriched garden soil. There are many double and single vars. Caucasus.  A lovely slender-stemmed bushy species. Numerous long-spurred flowers deep or light blue or white. Lower petals and spur sometimes violet and upper petals yellow. Pretty, deeply divided leaves. Charming in masses. If the plant is cut back after flowering it will bloom again. Prop. by seed, division and cuttings. Deep friable or sandy soil, well enriched. China.	1-2 ft. <i>Sun</i>	June, July
33, 34, 35, etc.	SWEET WILLIAM	<b>**Dianthus barbatus</b>	Vigorous quickly spreading plant which blooms profusely. Flowers in flat-topped clusters, pink, white, red and parti-colored. Single and double vars. Good for cutting. Single dark vars. are prettiest. An old garden favorite. Prop. by seed. Any soil. Central and S. Europe. See Plate, page 266.	10-18 in. <i>Sun</i>	"
Usually bet. 32 & 39	COMMON FOXGLOVE	<b>**Digitalis purpurea</b> <i>D. tomentosa</i>	Usually a biennial plant but often self-perpetuating. Tubular flowers varying from deep purplish pink to white, often prettily spotted, droop from tall flower stalks. Foliage in clumps at the base. The white is by far the prettiest kind. Very effective in clumps among shrubs in the wild garden or border, or naturalized in masses. If cut down it will keep on flowering somewhat through the summer. Prop. by seed. Rich light soil preferable. Europe. See Plates, pages 166 and 176.  <b>**Var. <i>gloxiniæflora</i>, (<i>D. gloxinoides</i>, <i>D. gloxiniaeflora</i>).</b> A robust var. larger in every way than the type. Hort. The trade offers var. <i>alba</i> which is not spotted.  See page 156.	2-3 ft. <i>Sun or half shade</i>	June, early July
Some-times 43 dull	VIRGINIA WATER-LEAF	<b>Hydrophyllum Virginicum</b>			Mid. May to July
Various	GERMAN FLAG, FLEUR-DE-LIS	<b>**Iris Germanica</b> vars.	See page 156.		Late May, June
Various	JAPANESE IRIS	<b>**Iris laevigata</b> <i>I. Kämpferi</i>	One of our most beautiful and effective plants which forms vigorous clumps. Flowers large and flat, sometimes 10 in. across, ranging in color from white to deep blue and plum color, sometimes mottled or deeply veined. Narrow erect leaves. Beautiful in masses beside water or in the border. Water freely during flower-	2-3 ft. <i>Sun</i>	June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			ing season. Easily cultivated. Prop. by seed or division. Any good soil, enriched with well-rotted manure. Some of the best vars. are: <i>Kagarabi</i> ; (white shaded with color no. 41), <i>Kyodai-san</i> , <i>Kigan-no-misao</i> , <i>Kaku yako-ro Shippo</i> , <i>Samidare</i> , <i>Tora-odori</i> , <i>Oyo-do</i> , <i>Kumo-no-isbo</i> , <i>Geisbo-in</i> , <i>Mana-dsuru</i> , white with golden centre. East Siberia; Japan. See Plate, page 269.		
Bet. 38 & 44 or white	<b>BITTER-ROOT, SPATULUM</b>	<i>Lewisia rediviva</i>	Peculiar plant allied to Portulaca. Flowers, varying from deep rose to white, 1-2 in. across, rise from a tuft of succulent leaves. Plant shrivels after flowering but is not dead. Prop. by seed and spring division. Moist well-drained soil. Mts. Western U. S. A.	2-4 in. Sun	June, July
1 spotted brown, 11 to 14	<b>WILD YELLOW OR CANADA LILY</b>	** <i>Lilium Canadense</i>	Well known native species found in moist meadows and bogs. Spotted flowers with reflexed petals, varying from yellow to red, droop in a circle and surmount the graceful stems around which the leaves grow in whorls. Easy to cultivate. Charming scattered among shrubs, massed in border or to naturalize. Bulbous. Prop. by offsets or scales. Light well-drained soil. Avoid direct contact with manure. Eastern N. Amer.	1-4 ft. Sun or half shade	"
Often 32 deeper	<b>TURK'S CAP OR MARTAGON LILY</b>	* <i>Lilium Martagon</i> <i>L. Dalmaticum</i>	Vigorous and picturesque species with turban-shaped fragrant flowers in lax racemes, varying in color from white to purplish red. Foliage decorative. Mass against high background in border. Bulbous. Prop. by offsets, scales or very slowly by seed. Any light soil. Avoid direct contact with manure. Europe; Asia.	2½-5 ft. Sun	June
Often 33 brilliant	<b>MULLEIN PINK, DUSTY MILLER, ROSE CAMPION</b>	* <i>Lýchnis Coronària</i> <i>Agrostemma Coronària</i> , <i>Coronària tomentosa</i>	Woolly plant with striking mullein-like foliage. Flowers 1½ in. wide, varying from white to rich crimson, form a striking contrast to the pale silvery leaves below. Effective in rock-garden or border. Prop. by seed. Any soil. Europe; Asia.	1-2½ ft. Sun	June, July
Various	<b>HERBACEOUS PEONY</b>	** <i>Pæonia</i> vars.	Peonies are perhaps the most beautiful of perennials. The following is a carefully chosen list of some of the best hort. vars. in the market, double or semi-double excepting in the Japanese vars. The flowers are large and handsome and the foliage effective. Beautiful plants for the border and especially striking for distant effects,	3-4 ft. Sun or half shade	June





JAPANESE IRIS. *Iris laevagata*.



HERBACEOUS PEONY VARS. *Paeonia moutan*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p>edging walks, beds of shrubs, etc. A half shady position is desirable. Usually prop. by division in early autumn. Gross feeders, they like a deep moist loam enriched with cow manure. See Plate, page 270.</p> <p><b>White vars.</b>—**<i>Duke of Wellington</i>; a strong grower with large fragrant sulphur white blossoms. <i>Duchesse de Nemours</i>; one of the best white Peonies, cup-shaped flowers, sulphur white with greenish reflections fading to pure white. <i>Festiva alba</i>; large cup-shaped flowers, glossy and cream white with a few carmine spots. A dwarf var. **<i>Festiva maxima</i>; an early and very free bloomer. Flowers enormous, snow-white, with a few purplish carmine spots in centre. One of the best and most vigorous of Peonies. **<i>Marie Lemoine</i>; large convex bloom, ivory white petals lightly edged with pink. One of the best late bloomers. <i>Queen Victoria</i>; large full blossom, cream white, centre petals tipped with red blotches. Excellent for cutting.</p> <p><b>Yellow vars.</b>—**<i>Solfaterre</i>; sulphur yellow; a good kind.</p> <p><b>Red vars.</b>—**<i>Edouard André</i>; vigorous plant with large round flowers, deep crimson shaded black with a metallic lustre. <i>General Jacqueminot</i>; fragrant, color of the Jacqueminot Rose. **<i>Richardson's Rubra superba</i>; brilliant deep crimson; the latest of all Peonies to bloom but fragrant and lasting long.</p> <p><b>Pink vars.</b>—<i>Edward Crousse</i>; large rather bright pink flowers, slightly lilac tinted. <i>Alexander Dumas</i>; brilliant pink interspersed with white, salmon and creamy buff. <i>Béranger</i>; mauve pink, broad cup-shaped flowers. <i>Duchesse de Nemours</i>; very large and fragrant, bright clear violet pink, with lilac tinted centre. One of the earliest to flower, and especially good for cutting. <i>Humea alba</i>; scarce var., each blossom having several shades of pink. <i>Jennie Lind</i>; clear rose pink, fragrant and long lasting. <i>Richardson's Dorchester</i>; large delicate flesh pink flowers which are late blooming. <i>Souvenir d'Exposition Universelle</i>; clear cherry pink; large, fragrant and enduring.</p> <p><b>Parti-colored vars.</b>—**<i>Golden Harvest</i>; large fragrant tricolor flowers,</p>		

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	WHITE FLOWERED PEONY	** <i>Pæðnia albiflora</i> vars.	guard petals and centre blush pink, collar pinkish white and a few petals tipped and striped with light crimson; general effect creamy pink. ** <i>Marie Lemoine</i> ; early and fragrant, delicate China pink shading to ivory white at the tips. <i>Marguerite Gerard</i> ; immense flowers, flesh color fading to creamy white with petals spotted with carmine purple. <i>Marie Stuart</i> ; anemone-shaped flower, with a ring of bright clear pink petals and centre of sulphur white. Single Japanese vars.—These are very charming. ** <i>Ophir</i> ; dark carmine. ** <i>Vesta</i> ; purplish red. ** <i>Crystal</i> . ** <i>Diana</i> ; blush pink with creamy white centre. ** <i>Nep-tune</i> ; shell pink. * <i>Topaz</i> ; deep rose, shading lighter at the margin.		Late May to mid. June
Various	TREE PEONY	<i>Pæðnia Moután</i> <i>P. arborea</i>	See page 159		Mid. May to mid. June
Often 33 redder	COMMON GARDEN PEONY	** <i>Pæðnia officinalis</i> vars.	See page 159.		"
Various	LARGE JAPANESE PETASITES	<i>Petasites Japonica</i> var. <i>gigantèa</i>	Large composite flowers, purple varying to white, in clusters. Round felt-like leaves with wrinkled margins, 3½-4 ft. broad. Stalk and buds edible. Good for subtropical effects. Sachaline Islands.	6 ft. Sun	June, July
Various	EARLY OR SUMMER-FLOWERING PHLOX	* <i>Phlòx glaberrima</i> var. <i>suffruticòsa</i>	Some good early vars. are: <i>Arnold Turner</i> ; white with red centre. <i>Beauty of Mindon</i> ; white rose tinted. <i>Burns</i> ; rosy purple. <i>Circle</i> ; pinkish white with deeper centre. <i>Modesty</i> ; lilac pink, large flowers. <i>Miss Lingard</i> ; (centre color no. 43 deep), white with a faint pinkish eye. A good var.	1-2 ft. Sun	"
Various	WILD SWEET WILLIAM	* <i>Phlox maculata</i>	Resembles <i>P. paniculata</i> , but is not so much cultivated. Fragrant flowers, comparatively small, varying from purplish to white, in compact oval clusters. Leaves thick and smooth. Pretty in border. Prop. by seed, division and cuttings. Moist rich soil. Penn. S. and W.	1-2½ ft. Sun	"
Various	DOWNY PHLOX	* <i>Phlòx pilòsa</i> <i>P. arislata</i>	See page 160.		May, June

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Often bet. 46 & 47	SAGE	<i>Salvia officinalis</i>	Popular sub-shrub. Flowers in whorls vary in size and in color from purple and blue to white. Leaves whitish and rather downy. S. Europe. Var. <i>tenuior</i> , flowers blue; used as kitchen herb. Mediterranean Region.	1-2 ft. Sun	June, early July
Often 39 or 38	EGYPTIAN OR GYPSIES' ROSE	* <i>Scabiosa arvensis</i> <i>S. varia</i>	Straggling plant. Flowers in convex heads, pink lilac or blue, about 1½ in. wide. Good for cutting. Foliage insignificant. Reserve garden. Prop. by seed and division. Fairly good garden soil. Europe.	1-2½ ft. Half shade	Early June to mid. Aug.
Various	COMMON BLUEBELL of England, WOOD HYACINTH	* <i>Scilla festalis</i> <i>S. nutans</i> , <i>S. nonscripta</i> , <i>S. cernua</i>	See page 160.		May, early June
Various	SPANISH SQUILL OR JACINTH, BELL-FLOWERED SQUILL	** <i>Scilla Hispanica</i> <i>S. campanulata</i> , <i>S. patula</i>	See page 160.		Late May, June
Often mixed or 39, 25, or 3 & green, etc.	DARWIN TULIP	** <i>Tulipa</i> "Darwin"	See page 163.		Late May to early June
Various	COMMON GARDEN OR LATE TULIP	** <i>Tulipa Gesneriana</i> vars.	See page 164.		Mid. May to early June
25, 42 lighter, white	PURPLE MULLEIN	* <i>Verbascum phoeniceum</i> <i>V. ferrugineum</i>	Distinct and valuable species. Flowers, varying from purplish to pinkish, open best in wet weather. Leaves green, scarcely downy. Border. Prop. by seed. Any garden soil. S. Europe; Asia.	2-3 ft Shade	June, July
Various	PANSY, HEARTSEASE	** <i>Viola tricolor</i>	See page 68.		Mid. Apr. to mid. Sept.

# JULY

## WHITE TO GREENISH

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	SNEEZE-WORT	<i>Achillëa Ptármica</i>	See page 167.		June to mid. Sept.
"White"	DOUBLE SNEEZE-WORT	** <i>Achillëa Ptármica</i> var. "The Pearl"	See page 167 and Plate, page 276.		June to Oct.
"White"	SIBERIAN MILFOIL OR YARROW	* <i>Achillëa Sibírica</i> <i>A. Mongòlica</i> , <i>A. ptármicoides</i>	Large flowers in dense clusters on stiffly erect stems. Useful for cutting. Good border plant. Prop. generally by division, also by seed, and cuttings in spring. Dry soil. Siberia.	1½-2 ft. <i>Sun</i>	July to Oct.
"Nearly white"	WHITE MONKSHOOD OR OFFICIAL ACONITE	** <i>Aconitum Napéllus</i> var. <i>álbum</i> <i>A. Fairicum</i> var. <i>álbum</i> , <i>A. pyramidale</i> var. <i>álbum</i>	Effective plant. Large and showy helmet-shaped flowers in racemes on erect stems. Handsome deeply divided leaves. Roots and flowers poisonous. Good for border and for rocky banks. Prop. by division. Rich soil preferable. Europe; Asia; N. Amer.	3-4 ft. <i>Sun or shade</i>	Mid. July to early Sept.
"White"	WHITE POTANNINI'S GLAND BELL-FLOWER	* <i>Adenóphora Potannini</i> var. <i>álba</i>	Very similar to the Campanula. Shrubby plant with spikes of drooping bell-shaped flowers. Border plant. Should not be disturbed when established. Prop. by seed or cuttings in spring. Rich loam, well-drained. Turkestan.	2-3 ft. <i>Sun</i>	July, Aug.
"White" 39 under petals	NARCISSUS-FLOWERED ANEMONE	<i>Anemòne narcissiflòra</i> <i>A. umbellata</i>	See page 71.		May to Aug.
"White"	CANADA ANEMONE	* <i>Anemòne Pennsylvànica</i> <i>A. Canadénsis</i> , <i>A. dichótoma</i>	See page 71.		Mid. May to early July
"Cream white" tinged with 39	SNOWDROP WIND-FLOWER	** <i>Anemòne sylvéstris</i>	See page 11.		Late Apr. to mid. July
"Greenish white"	TALL OR VIRGINIAN ANEMONE	<i>Anemòne Virginiàna</i>	See page 167.		June, July
"White"	ST. BERNARD'S LILY	* <i>Anthéricum Liliàgo</i>	Small lily-like flowers in loose racemes. Grass-like foliage springs from the root. Needs winter protection. Charming in the border. Bulbous. Prop. by seed, division of the root, and by stolons. S. Europe.	2-3 ft. <i>Sun</i>	Mid. July to early Aug.



A MIDSUMMER GARDEN





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	ST. BRUNO'S LILY	* <i>Anthéricum Liliástrum</i> <i>Paradisea</i> L.	See page 72.		Late May to early July
"White"	LARGE-FLOWERED SANDWORT	<i>Arenària graminifolia</i> <i>A. procera</i>	Alpine plant. Flowers in loose downy panicles. Long grass-like leaves, rough-edged. Very desirable for rock-garden. Prop. by seed, division or cuttings. Any garden soil. Caucasus.	6-10 in. Sun	July
"White"	GALIUM-LIKE WOODRUFF	<i>Aspérula Galioides</i>	See page 168.		June, July
"White"	BRANCHING ASPHODEL	* <i>Asphódelus álbus</i>	See page 168.		"
"White"	BOUQUET STAR-FLOWER, YARROW-LEAVED STARWORT	* <i>Áster ptarmicóides</i> <i>Chrysópsis álba</i>	Dwarf early-blooming species, flowering in profusion. Good for cutting and for the border. Prop. by seed and division. U. S. A.	18 in. Sun	July, Aug.
"White"	SMALL WHITE ASTER	* <i>Áster vimíneus</i>	See page 168.		June, July
"Creamy white"	FALSE GOAT'S BEARD	** <i>Astílbe decándra</i> <i>A. biternáta</i>	See page 168.		Early June to early July
"White"	JAPANESE FALSE GOAT'S BEARD	** <i>Astílbe Japónica</i> <i>Hoteia</i> J., <i>H. barbáta</i> , <i>Spiræa</i> J.	See page 168.		Mid. June to mid. July
"White"	LARGE WHITE WILD INDIGO	* <i>Baptísia leucántha</i>	See page 171.		Early June to mid. July
"Pinkish white"	PLUME POPPY	** <i>Boccònia cordáta</i> <i>B. Japónica</i>	Striking and picturesque plant. Small flowers in plume-like panicles, borne well above the handsome large-leaved dull-green foliage. Wild garden or shrubbery; for subtropical effects. Apt to prove troublesome in border. Prop. by seed or suckers. Rich soil is best. China; Japan.	3-8 ft. Sun	Early July to early Aug.
"White"	ALLIARA-LEAVED BELL-FLOWER	* <i>Campánula alliariæfolia</i> <i>C. lamiiifolia</i> , <i>C. macrophylla</i>	Vigorous plant. Bell-shaped flowers droop generally on one side of the stem. Large heart-shaped hairy leaves. Pretty in the border. Prop. by seed, division or cuttings. Rich loam well-drained. Caucasus.	1 1/2-2 ft. Sun	July
"White"	WHITE CARPATHIAN HAIRBELL	** <i>Campánula Carpática</i> var. <i>álba</i>	See page 171.		Late June to late Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE TURBAN BELL-FLOWER	** <i>Campánula</i> <i>Carpática</i> var. <i>turbinata</i> <i>álba</i> <i>C. turbinata</i> var. <i>álba</i>	More dwarf and compact than the type with larger flowers, 1½-2 in. across, solitary on erect stems. Grayish leaves. Charming for rock-garden or border. Prop. by seed, division or cuttings. Rich loam, well-drained. Hort.	6-12 in. <i>Sun</i>	July, Aug.
"White"	MILK-WHITE BELL-FLOWER	* <i>Campánula</i> <i>lactiflora</i>	Erect branching plant of stiff habit. Panicles of milky-white flowers tinged with blue. Good in border. Prop. by seed, division or cuttings. Rich loam, well-drained. Caucasus.	2½-6 ft. <i>Sun or shade</i>	"
"White"	WHITE PEACH-LEAVED BELL-FLOWER	** <i>Campánula</i> <i>persicifolia</i> var. <i>álba</i>	See page 171.		Early June to early July
"White"	BACK-HOUSE'S PEACH-LEAVED BELL-FLOWER	** <i>Campánula</i> <i>persicifolia</i> var. <i>Bäckhousei</i>	See page 171.		June, July
"White"	MOERHEIM'S PEACH-LEAVED BELL-FLOWER	** <i>Campánula</i> <i>persicifolia</i> var. <i>Moerheimi</i>	See page 171.		"
"White"	SPOTTED BELL-FLOWER	* <i>Campánula</i> <i>punctata</i>	See page 171 and Plate, page 279.		June to late July
"White"	WHITE CHIMNEY-PLANT OR STEEPLE BELLS	* <i>Campánula</i> <i>pyramidalis</i> var. <i>álba</i>	Striking plant. Numerous open bell-shaped flowers close to the stem, in pyramidal racemes. Best treated as biennial. Effective in the border or in isolated groups. Protect in winter. Prop. by seed, division or cuttings. Rich loam, well-drained. Europe.	4-6 ft. <i>Sun</i>	July, Aug.
"White"	WHITE BLUE BELLS OF SCOTLAND	* <i>Campánula</i> <i>rotundifolia</i> var. <i>álba</i>	See page 171.		June to Sept.
"White"	WHITE MOUNTAIN BLUET OR Knapweed	** <i>Centaurea</i> <i>montana</i> var. <i>álba</i>	See page 75.		Late May to early July
"White"	WHITE JUPITER'S BEARD	<i>Centranthus</i> <i>ruber</i> var. <i>álbus</i>	See page 172.		June, July
"Cream white"	TARTARIAN CEPHALARIA	* <i>Cephalaria</i> <i>Tatárica</i>	Rather like <i>C. alpina</i> in habit. Scabious-like flowers. Good for the back of border. Prop. by seed and division. Any soil. Europe; Asia; Africa.	6 ft. <i>Sun</i>	Early July to Sept.



SPOTTED BELFLOWER. *Campanula punctata*.



BLACK SNAKEROOT. *Cimicifuga racemosa*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	BIEBER-STEIN'S MOUSE-EAR CHICK-WEED	<i>Cerástium Bièbersteinii</i>	See page 172.		June, July
"Cream white"	WHITE SMOOTH TURTLE HEAD	* <i>Chelòne glàbra</i> <i>C. obliqua</i> <i>var. álba</i>	Pentstemon-like flowers, often rose-tinted, in spikes terminate leafy stalks. Good in border. Prop. by seed, division in the spring, or by cuttings. Rich garden soil. Hort.	1-2½ ft. Half shade	July, Aug.
"White"	DR. JAMES'S SNOW-FLOWER	<i>Chionophila Jamesii</i>	See page 172.		June, July
"White"	LARGE-FLOWERED WHITE-WEED	** <i>Chrysánthemum máximum</i>	See page 172.		"
"White"	SHASTA DAISY	* <i>Chrysánthemum</i> "Shasta Daisy"	See page 173.		June to Sept.
"White"	TURFING DAISY	* <i>Chrysánthemum Tchihátchewii</i>	See page 173.		June, July
"Creamy white"	BLACK SNAKEROOT	* <i>Cimicífuga racemòsa</i> <i>C. serpentària</i>	Long feathery spike-like racemes of flowers disagreeable in odor, are borne high above the handsome dark foliage. Effective against a dark background, in a moist shady corner. Prop. by seed and division. Any soil. See Plate, page 280. Var. <i>dissecta</i> , foliage more deeply divided. N. Amer. * <i>Cimicífuga fatida</i> var. <i>simplex</i> , ( <i>C. simplex</i> ) is also grown and is said to be "tall and handsome," having a "fine dense raceme." Kamtschatka.	3-8 ft. Sun or shade	July, early Aug.
"White"	WHITE HERBACEOUS VIRGIN'S BOWER	** <i>Clématis récta</i> <i>C. erécta</i>	See page 173.		Early June to mid. July
"White"	RAMONDIA-LIKE CONANDRON	<i>Conándron ramondioides</i>	See page 173.		June, July
"White"	HEART-LEAVED COLEWORT	* <i>Crámbe cordifòlia</i>	See page 173.		"
"White"	MOSQUITO OR CRUEL PLANT	<i>Cynánchum acuminatifòlium</i> <i>Vincetòxicum acuminàtum</i> , <i>V. Japónicum</i>	Rather ungraceful plant, noted for its clusters of small flowers in which insects are trapped. Foliage rather large, grayish underneath. Wild garden. Prop. by seed. Any soil. Japan.	1-2 ft. Sun	July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	DAHLIA	** <i>Dáhlia</i> vars.	See color "various," page 359.		July to late Oct.
"White"	WHITE CAROLINA LARKSPUR	* <i>Delphínium Caroliniànum</i> var. <i>álbum</i> <i>D. Caroliniànum</i> var. <i>albidum</i>	Racemes of flowers, good for cutting. Second bloom possible if first flowers are cut off. Deeply divided foliage. Attractive in border. Prop. in spring or autumn by seed, division or cuttings. Transplant every 3 or 4 years. Deep rich soil, sandy and loamy. U. S. A.	2-3 ft. <i>Sun</i>	July
"White"	WHITE LARGE-FLOWERED LARKSPUR	** <i>Delphínium grandiflórum</i> var. <i>álbum</i>	Very pretty var. with dense racemes of flowers good for cutting. Pretty foliage. Attractive in border. Prop. in spring or autumn by seed, division or cuttings. Deep rich soil, sandy and loamy. Hort.	1-2 ft. <i>Sun</i>	July, Aug.
"White"	SAND PINK	* <i>Diánthus arenàrius</i>	See page 174.		Early June to early July
"White"	SPREADING PINK	* <i>Diánthus squarròsus</i>	See page 174.		June, July
"Cream white"	DIAPENSIA	<i>Diápénsia lappónica</i>	Shrubby evergreen. Solitary cup-like flowers on stalks densely sheathed below with narrow leaves. Rock-garden. Prop. by division. Moist peaty sandy soil. N. Europe; N. Asia; N. Amer.	1-2 in. <i>Sun</i>	July
"White"	GAS PLANT, BURNING BUSH, FRAXINELLA, DITTANY	** <i>Dictámnus álbus</i> <i>D. Fraxinèlla</i>	See page 174.		June, July
"White"	WHITE FOXGLOVE	** <i>Digitális purpúrea</i> var. <i>álba</i> <i>D. tomentòsa</i> var. <i>a.</i>	See page 174.		June, early July
"Purple white"	FULLER'S TEASEL	<i>Dípsacus Fullònum</i>	See page 177.		June, July
"White"	CYCLAMEN POPPY	<i>Eomècon chionántha</i>	Poppy-like flowers, 2-3 in. across, with bright yellow anthers, several flowers on the stem. Heart-shaped cyclamen-like leaves, bright yellowish green. Increases rapidly by running rootstocks. Border or rock-garden. Prop. by division. Moist soil. China.	1-2 ft. <i>Sun</i>	July, Aug.
"White"	WHITE GREAT WILLOW HERB OR FIRE WEED	* <i>Epilòbium angustifòlium</i> var. <i>álbum</i> <i>E. spicátum</i> var. <i>a.</i>	See page 177.		June to early Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Greenish white"	MOTTLED SWAMP-ORCHIS, FALSE LADY'S SLIPPER	<i>Epipáctis Royleana</i> <i>E. gigantea</i>	See page 177.		June, July
"White"	HIMALAYAN EREMURUS	* <i>Eremúrus</i> <i>Himalaicus</i>	See page 177.		"
"White"	HORSE-WEED, BUTTER-WEED	<i>Erigeron Canadensis</i>	See page 177.		June to Sept.
"White"	RATTLE-SNAKE-MASTER, BUTTON SNAKEROOT	<i>Eryngium aquaticum</i> <i>E. yuccafolium</i>	See page 177.		June to Oct.
"White"	WHITE SEA HOLLY	* <i>Eryngium planum</i> var. <i>album</i>	Thistle-like plant. Large spiny leaves. Striking for subtropical effect in the border on account of its ornamental foliage. Prop. by seed or division. Soil, light and sandy. Europe.	1-2 ft. <i>Sun</i>	July to mid. Aug.
"White"	TALL THOROUGH-WORT OR BONESET	<i>Eupatdrium altissimum</i>	Woolly branching plant. Flowers in dense flat heads, bloom profusely. Good for cutting. Effective in border. Prop. by seed and division. Any soil. S. Eastern U. S. A.	3-5 ft. <i>Sun</i>	July, Aug.
"White"	THOROUGH-WORT, BONESET, INDIAN SAGE	<i>Eupatdrium perfoliatum</i>	Vigorous downy plant of disagreeable odor. Flowers in dense flat heads. Leaves wrinkled, of medicinal value. Border. Prop. by seed and division. Any soil preferably moist. N. Amer.	3-5 ft. <i>Sun</i>	"
"White"	FLOWERING SPURGE	<i>Euphórbia corollata</i>	What appear to be small flowers, though really tiny leaves, are borne in profusion on branching stems. Much used for cutting. Border or reserve garden. Prop. by division or cuttings. Any light soil. Eastern U. S. A.	1½-3 ft. <i>Sun</i>	"
"Pure white"	SUBCORDATE DAY LILY	* <i>Fúnkia subcordata</i> <i>F. álba</i> , <i>F. cordata</i> , <i>F. Japónica</i> , <i>F. liliiflora</i> , <i>F. macrantha</i>	Best Funkia. Fragrant lily-like flowers in one-sided racemes, rise above the big clump of large handsome foliage. Effective in border or along edge of shrubbery. Prop. by division. Rich soil. Japan.	1½ ft. <i>Shade</i>	"
"White"	GALAX, COLTSFOOT, WAND PLANT	<i>Gálax aphýlla</i>	An evergreen grown chiefly for its foliage. Flowers in slender wands rise on leafless stems above a neat spreading clump of bright green leaves which turn to reddish bronze in winter. Foliage excellent for cutting. Desirable as carpeting in rock-garden, for bog-garden or for border of Rhododendrons. Prop. by division. Cool moist peaty loam. S. Eastern U. S. A.	6-9 in. <i>Shade</i>	July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WHITE GOAT'S RUE	* <i>Galëga officinàlis</i> var. <i>álba</i> <i>G. Pérsica</i>	See page 178.		June, July
"White"	NORTHERN BEDSTRAW	<i>Galium boreàle</i> <i>G. septentrionale</i>	See page 178.		Early June to mid. July
"White"	WHITE OR GREAT HEDGE BEDSTRAW, WILD MADDER	<i>Galium Mollùgo</i>	See page 178.		Early June to late Aug.
"White"	SYLVAN BEDSTRAW	* <i>Galium Sylvàticum</i>	Myriads of tiny flowers in panicles on prostrate stems. Good for cutting, and with the mist-like effect of <i>Gypsophila paniculata</i> mingles well with other flowers. Good in border. Prop. by seed and division. Ordinary soil. S. Europe.	1½-3 ft. <i>Sun</i>	July, Aug
"White"	CAPE OR GIANT SUMMER HYACINTH	** <i>Galtònia càndicans</i> <i>Hyacinthus càndicans</i>	Striking spikes of fragrant bell-shaped flowers, like large Snowdrops, rise above hyacinth-like foliage. Excellent and effective in border with good background. Protect in very cold climates. Bulbous. Prop. by offsets or slowly by seed. Light rich soil. S. Africa.	3-5 ft. <i>Sun or half shade</i>	"
"White"	WINTER-GREEN, CHECKER-BERRY, BOXBERRY	<i>Gaulthèria procumbens</i>	Familiar creeping evergreen. Waxy flowers droop beneath glossy dark green foliage. Scarlet berries edible and fragrant. Beautiful for dense carpeting in rock-garden. Prop. by seed, division, cuttings or layers. Soil rather moist, peaty or sandy. Eastern U. S. A.	4-6 in. <i>Half shade</i>	"
"White"	WHITE BLOOD CRANES-BILL	* <i>Geràanium sanguineum</i> var. <i>álbum</i>	See page 77.		Late May to mid. July
"White"	AMERICAN IPECAC	* <i>Gillènia stipulàcea</i> <i>Porteránthus stipulàcus</i>	See page 178.		June, early July
"White"	BOWMAN'S ROOT, INDIAN PHYSIC	* <i>Gillènia trifoliàta</i> <i>Porteránthus trifoliàtus</i>	See page 178.		"
"White"	SWORD LILY	** <i>Gladiolus</i> vars.	See color "various," page 365.		July to Oct.

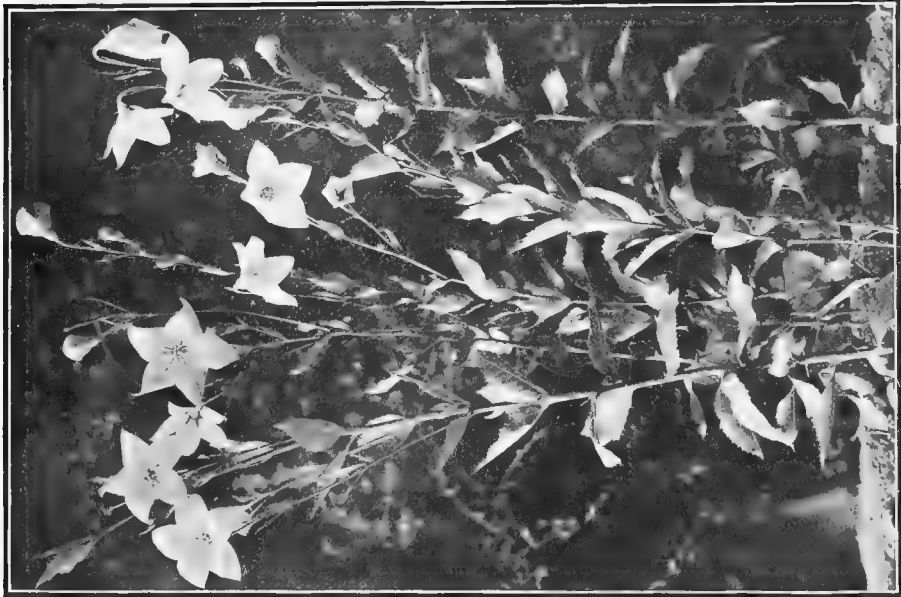


Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Greenish white"	RATTLE-SNAKE PLANTAIN	<i>Goodyera pubescens</i>	Dwarf Orchid. Flowers in dense spikes rise from a tuft of foliage. Beautiful leaves, velvety green, delicately veined with silver. Rock-garden or for naturalization. Prop. by cutting, including a piece of root. Moist soil, peat and leaf-mold. N. Amer.	3 in. <i>Shade</i>	July, Aug.
"Pinkish white"	POINTED-LEAVED CHALK-PLANT	* <i>Gypsóphila acutifolia</i>	Resembles <i>G. paniculata</i> . Tiny flowers in spreading feathery panicles. Good for cutting. Scanty foliage. Border or rock-garden. Prop. by seed, division or cuttings. Fairly dry limy soil. Caucasus.	3-4 ft. <i>Sun</i>	Mid. July to late Aug.
"Pinkish white"	CERASTIUM-LIKE CHALK-PLANT	* <i>Gypsóphila cerastioides</i>	Downy creeping plant. Large flowers, red-veined, in clusters. Leaves softly hairy on both surfaces. Desirable in rock-garden. Prop. by seed, division or cuttings. Fairly dry limestone soil. Himalayas.	3-6 in. <i>Sun</i>	July
"White"	ELEGANT CHALK-PLANT	* <i>Gypsóphila elegans</i>	See page 178.		June, July
"Pinkish white"	BABY'S BREATH	** <i>Gypsóphila paniculata</i>	Dense spreading bush. Numerous tiny flowers in light feathery panicles; delicate foliage. Good for cutting. Excellent in border or large rock-garden. Resists drought. Prop. by seed, division or cuttings. Fairly dry garden soil. Europe. Var. <i>flore-pleno</i> , flowers double.	2-3 ft. <i>Sun</i>	July, Aug.
"White"	STEVEN'S CHALK-PLANT	* <i>Gypsóphila Steveni</i> <i>G. glauca</i>	See page 178.		June, early July
"White"	UMBEL-FLOWERED SUN ROSE	<i>Helianthemum umbellatum</i>	See page 178.		June, July
"Greenish"	HERNIARY, RUPTURE-WORT	<i>Herniaria glabra</i>	Rapidly spreading plant of dense growth, forming a turfy mat with clusters of small flowers. Foliage evergreen, reddish in winter. One of the best plants for carpeting in poor soil. Prop. by seed and division. Any soil. Europe; Asia.	2 in. <i>Sun</i>	July, Aug.
"White"	DOUBLE WHITE SWEET ROCKET	* <i>Hesperis matronalis</i> var. <i>álba plena</i>	See page 179.		June, July
"White"	WHITE CORAL BELLS	<i>Heuchera sanguinea</i> var. <i>álba</i> <i>H. álba</i>	See page 179.		June to late Sept.
"Whitish" faintly 32	HAIRY ALUM ROOT	<i>Heuchera villosa</i> <i>H. caulescens</i>	See page 179.		Late June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Cream white"	BROAD-LEAVED WATER-LEAF	Hydrophyl-lum Canadense	See page 179.		June, July
"White"	WHITE VARIEGATED NETTLE	Lamium maculatum var. album <i>L. album</i>	See page 81.		Mid. May to late July
"White"	GOLD-BANDED OR JAPAN LILY	**Lilium auratum	Extremely showy. Flowers nearly a foot wide, thickly dotted with purple and marked with central yellow bands. Effective massed in border or scattered in Rhododendron bed. Plant deep in well-spaded peaty well-drained soil, and avoid direct contact with manure. Short-lived bulb. Prop. by offsets, scales, or very slowly by seed. Japan. See Plate, page 287.	2-4 ft. <i>Sun or half shade</i>	Mid. July to mid. Aug.
"White"	MADONNA LILY	**Lilium candidum	See page 180.		June, July
"White"	GIANT LILY	*Lilium giganteum	A large imposing plant with fragrant funnel-shaped flowers on gigantic stems well-clothed with large heart-shaped leaves. When conditions are right, not hard to grow. Prop. by scales or offsets. Light well-drained peaty soil. Avoid direct contact with manure. Himalayan Region.	4-10 ft. <i>Sun or half shade</i>	July, early Aug.
"White"	COMMON TRUMPET LILY	*Lilium longiflorum	A profusion of fragrant waxy trumpet-shaped flowers, slightly drooping. Pretty in border or along edge of shrubbery. Bulbous. Prop. by offsets, scales, or very slowly by seed. Any light soil. Avoid direct contact with manure. Japan; China. Var. <i>eximium</i> ( <i>L. Harrisii</i> , <i>L. eximium</i> ), Bermuda or Easter Lily, has greater profusion of larger flowers and more leaves.	1-3 ft. <i>Sun or half shade</i>	"
"White"	WALLICH'S LILY	*Lilium Wallichianum	Rather hard to cultivate. Very large fragrant funnel-form flowers shading into green, grow horizontally on leafy stalks. Good in margin of shrubbery. Bulbous. Prop. by offsets, scales, or very slowly by seed. Light rich soil. Avoid direct contact with manure. Himalayas.	4-6 ft. <i>Half shade</i>	July
"White"	WHITE PERENNIAL FLAX	*Linum perenne var. album	See page 81.		Mid. May to Aug.
"White"	WHITE MANY-LEAVED LUPINE	**Lupinus polyphyllus var. albidiflorus <i>L. p. var. albus</i> , <i>L. grandiflorus</i> var. <i>a.</i>	See page 180.		June, July



GOLD-BANDED LILY. *Lilium auratum*.



WHITE BALLOON FLOWER, *Platycodon grandiflorum* var. *album*.



SINGLE WHITE MALTESE CROSS, *Ichnis Chalcidonica* var. *alba*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	DOUBLE WHITE OR EVENING CAMPION	* <i>Lýchnis álba</i> var. <i>flòre-plèno</i> <i>L. vespertina</i> var. <i>flòre-plèno</i>	Fragrant double flowers, larger than Pinks, and opening in the evening. Grow in loose clusters. Common in old-fashioned gardens. Prop. by seed, division or cuttings. Any soil. Europe.	1-2 ft. <i>Sun</i>	Mid. July to mid. Sept.
"White"	SINGLE & DOUBLE WHITE MALTESE CROSS	** <i>Lýchnis Chalcedónica</i> vars. <i>álba</i> & <i>álba plèna</i>	See page 180 and Plate, page 288.		June to early Aug.
"White"	WHITE MULLEIN PINK OR DUSTY MILLER	* <i>Lýchnis coronària</i> var. <i>álba</i>	See page 180.		June, July
"White"	SIEBOLD'S LYCHNIS	* <i>Lýchnis coronàta</i> var. <i>Sieboldii</i> <i>L. S.</i> , <i>L. fulgens</i> var. <i>S.</i>	See page 180.		"
"White"	JAPANESE LOOSE-STRIPE	** <i>Lysimàchia clethroides</i>	See page 180.		Mid. June to late July
"White"	WHITE MUSK MALLOW	* <i>Málva moschàta</i> var. <i>álba</i>	Showy plant. Large single fragrant flowers 2 in. across in clusters. Foliage sweet-smelling. Good in the border. Prop. by seed and division. Any soil.	1-2 ft. <i>Sun or shade</i>	July to early Sept.
"White"	DOUBLE SCENTLESS CAMOMILE	* <i>Matricària inodòra</i> var. <i>pleníssima</i> <i>M. i.</i> var. <i>ligulòsa</i> , var. <i>múltiplex</i> , <i>M. grandiflòra</i> , <i>Chrysànthemum i.</i> var. <i>flòre-plèno</i>	See page 183.		June to Sept.
"Yellowish white"	BALM	<i>Melíssa officinàlis</i>	See page 183.		June to early Aug.
"Whitish"	VARIEGATED ROUND-LEAVED MINT	<i>Méntha rotundifòlia</i> var. <i>variegàta</i>	See page 183.		June, July
"White" tinged with 25	MICHAUX'S BELL-FLOWER	<i>Michauxia campanuloides</i>	Stately plant, similar to Campanula, with drooping purple-tinged flowers scattered along the stalks. Large rough leaves. Good biennial for background of border. Protect slightly in winter. Prop. by seed just ripe. Light rich soil. Levant.	4-5 ft. <i>Sun</i>	July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Dull white"	WHITE WILD BERGAMOT	* <i>Monarda fistulosa</i> var. <i>alba</i>	Rather coarse open flowers and inconspicuous foliage. Striking in masses along banks or in wild places. Prop. by division; separate often in spring. Ordinary soil. N. Amer.	2-2½ ft. Sun	July
"White" turns to 36	STEMLESS EVENING PRIMROSE	* <i>Ceanothera acaulis</i> C. <i>Taraxacifolia</i>	See page 82.		Late May to Aug.
"White"	WHITE REST-HARROW	<i>Ononis arvensis</i> var. <i>alba</i> <i>O. spinosa</i> var. <i>alba</i>	Spreading plant of branching habit covered with a mass of pea-shaped flowers. Useful for banks and wild parts of rock-garden. Prop. by seed and division. Any soil. Europe.	1-1½ ft. Sun	Mid. July to early Aug.
"Silvery white"	ORIENTAL POPPY SILVER QUEEN	** <i>Papaver orientale</i> "Silver Queen"	See page 184.		Early June to early July
"White"	AMERICAN FEVERFEW, PRAIRIE DOCK	<i>Parthenium integrifolium</i>	See page 184.		June to Sept.
"White"	HARMALA RUE	<i>Peganum Harmala</i>	See page 184.		June, July
"White"	FOXGLOVE BEARD-TONGUE	** <i>Pentstemon lævigatus</i> var. <i>Digitalis</i> <i>P. Digitalis</i>	See page 187.		Early June to mid. July
"White"	PERENNIAL PHLOX	** <i>Phlox paniculata</i> <i>P. decussata</i>	See color "various," page 370.		July to Oct.
"White"	WHITE FALSE DRAGON-HEAD	* <i>Physostegia Virginiana</i> var. <i>alba</i> <i>P. Virginica</i> var. <i>alba</i>	Pretty but rather stiff in effect; grows in clumps. Tubular flowers in dense racemes terminate leafy erect stalks. Frequent division is necessary. Border or naturalization. Prop. by division in the spring. Any ordinary soil, preferably moist and rich. Hort.	1-3 ft. Sun	Early July, Aug.
"White"	WHITE BALLOON FLOWER	** <i>Platycodon grandiflorum</i> var. <i>album</i> <i>Campanula</i> g. var. <i>a.</i> <i>Wahlenbergia</i> g. var. <i>a.</i>	See page 187 and Plate, page 288.		June to Oct.
"White"	WHITE JAPANESE PRIMROSE	* <i>Primula Japonica</i> var. <i>alba</i>	See page 187.		June, July
"White"	ROUND-LEAVED WINTER-GREEN, INDIAN LETTUCE	<i>Pyrrola rotundifolia</i>	See page 187.		"
"Green"	PYRENEAN MIGNONETTE	<i>Reseda glauca</i>	See page 188.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	RODGER'S BRONZE-LEAF	<i>Rodgersia podophylla</i>	See page 188.		June, early July
"White"	PEARL-WORT	<i>Sagina subulata</i> <i>S. pilifera</i> , <i>Spergula pilifera</i> , <i>S. subulata</i>	Tufted alpine evergreen, starred with numerous small flowers. Tiny leaves. Excellent for forming a velvety carpeting, especially in the shade on level soil. Prop. by division. Corsica.	4 in. Shade	July, Aug.
"White"	SILVERY CLARY, SILVER-LEAVED SAGE	* <i>Sálvia argentea</i>	See page 188.		June, early July
"White"	WHITE MEADOW SAGE	* <i>Sálvia pratensis</i> var. <i>álba</i>	See page 188.		"
"White"	WHITE SYLVAN SAGE	<i>Sálvia sylvestris</i> var. <i>álba</i>	Flowers in showy spikes. Oblong leaves. Border. Prop. by seed. Any soil. Europe.	3-3½ ft. Sun	July
"Whitish"	CANADIAN OR WILD BURNET	<i>Sanguisorba Canadensis</i>	See page 188.		Mid. June to late July
"Greenish"	BURNET	<i>Sanguisorba minor</i> <i>Potérion</i> <i>Sanguisorba</i>	See page 188.		Late June to mid. July
"White"	PYRAMIDAL COTYLEDON SAXIFRAGE	* <i>Saxifraga Cotyledon</i> var. <i>pyramidalis</i>	See page 188.		June, July
"White"	WHITE CAUCASIAN SCABIOUS	* <i>Scabiosa Caucásica</i> var. <i>álba</i>	See page 189.		"
"White"	WHITE WOODLAND SCABIOUS	* <i>Scabiosa sylvática</i> var. <i>albiflora</i>	See page 189.		Early June to late Sept.
"Cream white"	WHITE STONECROP	* <i>Sedum album</i>	Pretty creeper. Starry flowers in clusters. Dense pulpy pale green foliage. Good as carpeting for rock-garden or margin of border. Prop. preferably by division. Sandy soil. Europe; N. Asia.	4-6 in. Sun or half shade	Mid. July to late Aug.
"Pinkish white"	SPANISH STONECROP	<i>Sedum Hispanicum</i>	Creeping plant. Starry flowers in clusters. Succulent leaves, very narrow, grayish turning reddish. Good for carpeting. Prop. preferably by division. Sandy soil best. Europe.	3-4 in. Sun	July
"White"	MONREGALENSIS STONECROP	<i>Sedum Monregalense</i> <i>S. cruciatum</i>	See page 189.		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	NEVIUS' STONECROP	*Sedum Nevii	Prostrate plant with erect flower stems. Rosettes of succulent evergreen foliage. Excellent for edging, and for rock-garden. Prop. by division. Sandy soil. Eastern U. S. A.	3-5 in. Sun	July
"Greenish"	ROSEROOT, ROSEWORT	Sedum roseum <i>S. Rhodiola</i>	See page 189.		June, July
"White"	DOUBLE SEASIDE CATCHFLY	Silene maritima var. flore-pleno	See page 189.		"
"White"	GOAT'S BEARD	**Spiraea Aruncus <i>A. sylvestris</i>	See page 190.		June, early July
"Creamy white"	ASTILBE-LIKE MEADOW SWEET	**Spiraea astilboides <i>S. Aruncus</i> var. a. <i>Aruncus</i> a., <i>Astilbe</i> a., <i>A. Japonica</i>	See page 190.		"
"Cream white"	KAMT-SCHATKAN MEADOW SWEET	*Spiraea Camtschatica <i>S. gigantea</i> , <i>Filipendula Camtschatica</i> , <i>Ulmaria C.</i>	Irregular flower-clusters crown erect stems and rise from a tuft of palmate root leaves. Good in the border or beside water. Prop. by seed and division. Fairly rich moist soil. Kamtschatka.	5-10 ft. Half shade	July
"Creamy white"	FINGERED SPIRÆA	*Spiraea digitata	See page 190.		Early June to early July
"Yellowish white"	DROPWORT	*Spiraea Filipendula <i>F. hexapetala</i> , <i>Ulmaria F.</i>	See page 190.		June, early July
"Muddy white"	WHITE PALMATE-LEAVED MEADOW SWEET	*Spiraea palmata var. alba	See page 190		Late June, July
"Cream white"	ENGLISH MEADOW SWEET, MEADOW QUEEN, HONEY SWEET	*Spiraea Ulmaria <i>Filipendula Ulmaria</i> , <i>Ulmaria pentapetala</i> , <i>U. palustris</i>	See page 190.		June, July
"White"	WHITE COMMON SEA LAVENDER OR MARSH ROSEMARY	Stachys Limonium var. alba	Clusters of small flowers in spikelets crown numerous slender branches. Leaves spring from the root. Rock-garden and border. Prop. by seed and division. Deep rich soil. Europe; N. Asia.	1½ ft. Sun	July, Aug.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	HOFMANN'S SYMPHY-ANDRA	<i>Symphyandra Hofmanni</i>	Branching plant somewhat resembling the Campanula. Large leafy clusters of drooping bell-shaped flowers varying to blue. Pretty in rock-garden or border. Prop. by seed, division or cuttings. Dry soil. Bosnia.	1-2 ft. <i>Half shade</i>	July
"Creamy white" often 37	COMMON COMFREY	<i>Symphytum officinale</i>	See page 93.		Late May to mid. July
"White"	FEATHERED COLUMBINE	* <i>Thalictrum aquilegifolium</i>	See page 93.		"
"White"	MOUNTAIN WILD THYME	<i>Thymus Serpyllum</i> var. <i>montanus</i> <i>T. m.</i> , <i>T. Chamædrys</i>	See page 193.		Early June to mid. Aug.
"White"	WHITE SPIDER-WORT	<i>Tradescantia Virginiana</i> var. <i>alba</i>	See page 94.		Late May to late Aug.
"Yellowish white" 2	HUNGARIAN CLOVER	<i>Trifolium Pannonicum</i>	See page 193.		Late June to mid. July
"White"	WHITE SPIKE-FLOWERED SPEEDWELL	** <i>Veronica spicata</i> var. <i>alba</i>	See page 193.		Early June, July
"White"	WHITE HORNED VIOLET OR BEDDING PANSY	** <i>Viola cornuta</i> var. <i>alba</i>	See page 23		Late Apr. until frost
"Creamy white" 2 greener	ADAM'S NEEDLE, BEAR OR SILK GRASS, THREADY YUCCA	** <i>Yucca filamentosa</i>	See page 194.		June, July
"Yellow" 5	WOOLLY-LEAVED MILFOIL	* <i>Achillea tomentosa</i>	See page 96.		Late May to mid. Sept.
"Pale yellow" 4	EGYPTIAN MILFOIL OR YARROW	<i>Achillea Tournefortii</i> <i>A. Ægyptiaca</i>	Alpine plant. Flowers in small flat clusters. Foliage silvery and fern-like. Excellent for covering dry bare places. Prop. by seed, division and cuttings. Any garden soil. Greece.	12-18 in. <i>Sun</i>	July to Oct.
"Yellow" 4 pale	PYRENEAN MONKS-HOOD	<i>Aconitum Anthora</i> <i>A. Pyrenæicum</i>	See page 194.		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 2	PALE YELLOW WOLFSBANE	* <i>Aconitum</i> <i>Lycóctonum</i> <i>A. barbátum</i> , <i>A. ochroleu-</i> <i>cum</i> , <i>A. squarròsum</i>	Narrow helmet-shaped flowers, sometimes whitish, in racemes. Foliage deeply cut. Roots poisonous. Good border plant. Prop. by seed and division. Prefers rich soil. Europe; Siberia.	3-4 ft. <i>Sun or</i> <i>half</i> <i>shade</i>	July to early Sept.
"Yellow" 4	PIGMY SUN- FLOWER	<i>Actinélla</i> <i>grandiflòra</i>	See page 194.		June, early July
"Yellow" 6 very deep	DOTTED PICRA- DENIA	<i>Actinélla</i> <i>scapòsa</i> <i>Picradènia</i> <i>scapòsa</i>	Hairy alpine plant. Numerous aster-like flowers 1 in. across. Leaves spring from root. Good for rock-garden. Prop. by seed and division. Light soil. Col.	6-15 in. <i>Sun</i>	July, Aug.
"Yellow" 6 lighter	CROWN- BEARD	* <i>Actinómeris</i> <i>squarròsa</i>	Coarse branching plant bearing numerous daisy-like flowers with irregular rays; several on the stem. Plant in wild garden or with shrubs. Prop. by division. U. S. A.	4-8 ft. <i>Sun</i>	Mid. July to late Aug.
"Yellow" 3	PYRENEAN ADONIS	* <i>Adònis</i> <i>Pyrenàica</i>	Solitary showy and brilliant buttercup-like flowers. Foliage very finely divided. Adapted for rock-garden or border. Prop. by seed and division. Any ordinary garden soil, rather moist. Pyrenees.	1-1 ½ ft. <i>Sun or</i> <i>half</i> <i>shade</i>	July
"Yellow" 6	SILVERY MADWORT	<i>Alýssum</i> <i>argéntium</i> <i>A. alpèstre</i>	See page 194.		June to early Aug.
"Yellow" 4	BEAKED MADWORT	<i>Alýssum</i> <i>rostrátum</i> <i>A. Wièr-</i> <i>bickii</i>	See page 194.		Early June to early Aug.
"Yellow" 5	GOLDEN MARGUE- RITE	* <i>Anthemis</i> <i>Kélwayi</i> <i>A. tinctòria</i> <i>var. Kélwayi.</i>	See page 194.		Mid. June to Oct.
"Yellow" 2, centre 6	GOLDEN MARGUE- RITE, ROCK CAMOMILE	* <i>Anthemis</i> <i>tinctòria</i>	See page 96.		Mid. May to Oct.
"Yellow" 2	YELLOW CANADIAN COLUMBINE	* <i>Aquilègia</i> <i>Canadènsis</i> <i>var. flaviflòra</i> , <i>A. C. var.</i> <i>flavescens</i> , <i>A. cœrulea</i> <i>var. f.</i>	See page 24.		Late Apr. to early July
"Yellow" 3 & 2	GOLDEN- SPURRED COLUMBINE	** <i>Aquilègia</i> <i>chrysántha</i> <i>A. leptoceras</i> <i>var. c.</i>	See page 96.		Late May to late Aug.
"Orange yellow" 4	MOUNTAIN TOBACCO OR SNUFF	* <i>Arnica</i> <i>montàna</i>	Large daisy-shaped flowers. Leaves broad and oval springing from the root or growing in pairs on the stalk. Rock-garden or border. Prop. by seed, or generally by division. Europe.	1 ft. <i>Sun</i>	July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 4	TRUE ASPHODEL, KING'S SPEAR	*Asphodeline lutea <i>Asphodelus luteus</i>	See page 195.		June, July
"Yellow" 4	YELLOW MILK VETCH	Astragalus alopecuroides	See page 195.		"
"Yellow"	CHINESE MILK VETCH	Astragalus Chinensis	See page 195.		"
"Yellow"	GALEGA-LIKE MILK VETCH	Astragalus galegiformis	See page 195.		Early June to early July
"Yellow" 6	WILLOW-LEAVED OX-EYE	*Bupthalmum salicifolium <i>B. grandiflorum</i>	See page 195.		July, June, July
"Yellow" 6	SHOWIEST OX-EYE	*Bupthalmum speciosissimum	See page 195.		"
"Yellow" 5	SHOWY OX-EYE	*Bupthalmum speciosum <i>B. cordifolium</i>	See page 195.		"
"Yellow"	ITALIAN CANNA	**Canna vars.	See color "various," page 357.		July to late Sept.
"Yellow" 6	WILD SENNA	*Cassia Marylandica	Handsome shrub-like plant. Numerous small clusters of flowers with chocolate colored anthers. Ornamental light green compound foliage. Prop. by seed and division. Easily cultivated even in poor soil. New Eng. and West.	3-5 ft. Sun	July, Aug.
"Yellow" 5	BABYLONIAN CENTAURY	Centaurea Babylónica	Picturesque strong-growing plant. Numerous globe-shaped flowers in spikes. Grown chiefly for the silvery foliage. Useful for back of border and margin of shrubbery. Prop. by seed. Sandy soil is best. Levant.	6-12 ft. Sun	July
"Yellow" 5	BLUE-LEAVED CENTAURY OR STAR THISTLE	Centaurea glastifolia	Grows vigorously and is free-flowering. Silvery thistle-like flowers. Border. Prop. by seed and division. Easily cultivated in ordinary soil. Caucasus.	3-4 ft. Sun	July, Aug.
"Yellow" 5	SHOWY CENTAURY OR KNAPWEED	**Centaurea macrocephala	The best and most showy Centaurea. Very large round flowers. Excellent foliage. Good for cutting. Effective in border or shrubbery. Prop. by seed. Armenia.	2½-3 ft. Sun	Mid. July to Sept.
"Yellow" 1 & 21 light	LEMON-COLOR MOUNTAIN BLUET	Centaurea montana var. citrina <i>C. m. var. sulphurea</i>	See page 99.		Late May to early July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pale yellow"	RUSSIAN Knapweed	<i>Centaurea Ruthénica</i>	Large thistle-like flowers. Dark green ornamental leaves deeply divided. Good in border. Prop. by seed and division. Any garden soil. Orient.	3-4 ft. <i>Sun</i>	July
"Pale yellow" 4 very pale	ALPINE CEPHALARIA	* <i>Cephalaria alpina</i>	See page 196.		Late June to late July
"Yellow" 3	GOLD JOINT	<i>Chrysogonum Virginianum</i>	See page 196.		June, July
"Yellow" 3	ERECT SILKY CLEMATIS	* <i>Clematis ochroleuca</i> <i>C. sericea</i>	A plant of erect somewhat bushy habit. Solitary flowers. Silky foliage. Pretty in border or rock-garden. Winter mulching desirable. Prop. by seed and cuttings. Rich deep soil. Eastern U. S. A.	1-2 ft. <i>Sun</i>	July, Aug.
"Yellow" 6 paler	LARKSPUR TICKSEED	* <i>Coreopsis delphinifolia</i>	Compact branching plant. Flowers have dark brown centres and 6-10 yellow rays. Smooth foliage. Good border plant. Prop. by seed. Easily cultivated in any soil. Dry woods, Va. to Ala.	1-3 ft. <i>Sun</i>	Mid. July to mid. Sept.
"Yellow" 5	LARGE-FLOWERED TICKSEED	** <i>Coreopsis grandiflora</i>	See page 196 and Plate, page 297.		June to Sept.
"Yellow" 6	LANCE-LEAVED TICKSEED	** <i>Coreopsis lanceolata</i>	See page 196 and Plate, page 298.		"
"Yellow" 5	STIFF TICKSEED	* <i>Coreopsis palmata</i> <i>C. præcox</i>	See page 196.		June, July
"Yellow" 6 deeper	STAR TICKSEED	* <i>Coreopsis pubescens</i> <i>C. auriculata</i>	Vigorous branching species, more leafy than <i>C. delphinifolia</i> . The flowers have yellow rays with a band of purplish brown encircling the brown or yellow disk. Thick rather glossy foliage. Good for wild garden or border. Prop. by seed. Easily cultivated in any soil. Rich woods, Va. to Ill. and La.	1-4 ft. <i>Sun</i>	Mid. July to late Sept.
"Yellow" 6 paler	WHORLED TICKSEED	* <i>Coreopsis verticillata</i> <i>C. tenuifolia</i>	A pretty species, showy and slightly branching. Small and pretty flowers 1-2 in. across, with yellow rays jagged at the tip, and dull yellow disks are borne erect on wiry stems. Foliage fine, feathery and dark. Good for the border. Prop. by seed. Easily cultivated in any ordinary soil. Dry soil, Ontario to N. C. and Ark.	1-3 ft. <i>Sun</i>	July, Aug.
"Yellow"	DAHLIA	** <i>Dahlia</i> vars.	See color "various," page 359.		July to late Oct.



LARGE-FLOWERED TICKSEED. *Coreopsis grandiflora*.

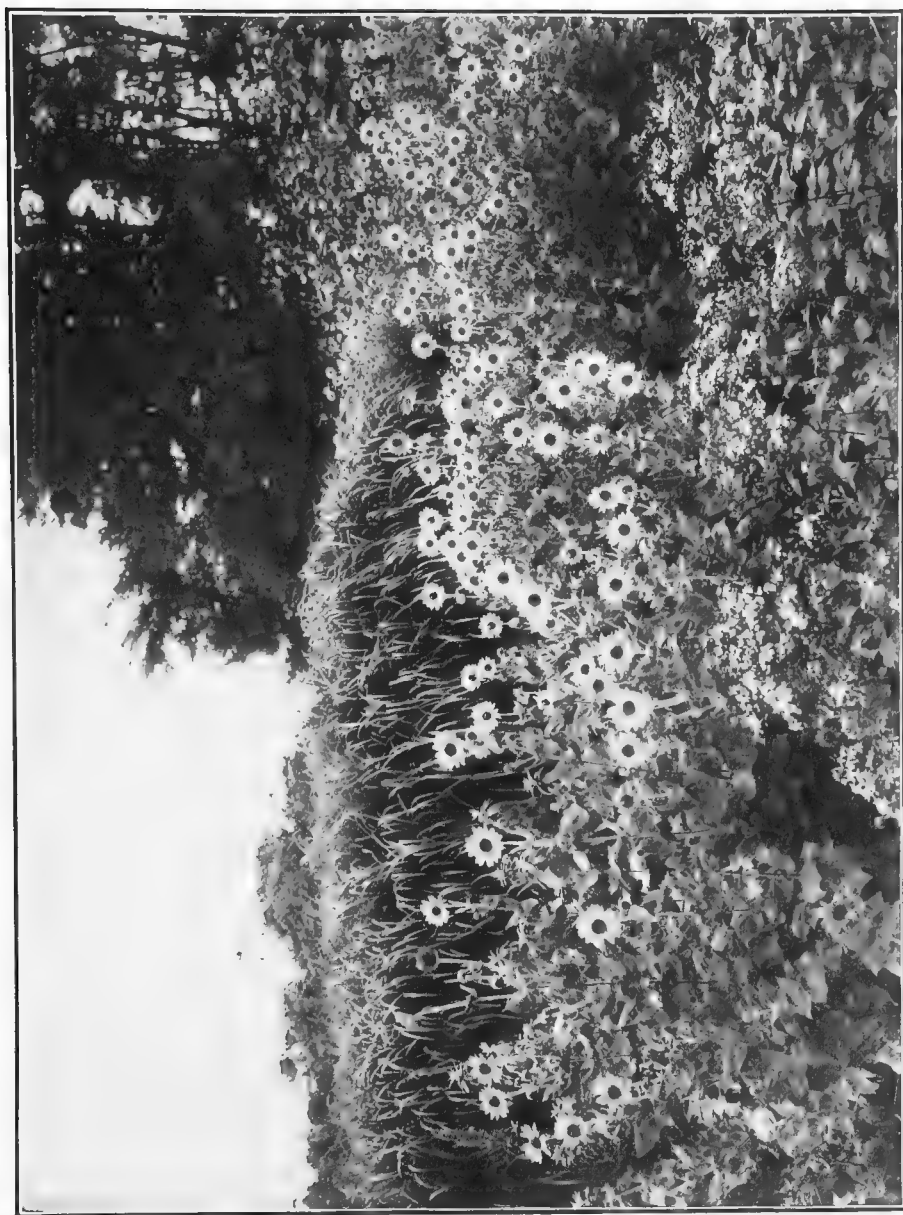


LANCE-LEAVED TICKSEED. *Coreopsis lanceolata*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 2	ZALIL'S LARKSPUR	* <i>Delphinium</i> Zalil <i>D. sulphureum</i> , <i>D. hybridum</i> var. s.	See page 196.		June, July
"Yellow" 2	YELLOW FOXGLOVE	* <i>Digitalis</i> ambigua <i>D. grandiflora</i> , <i>D. ochroleuca</i>	See page 197.		Early June to mid. July
"Yellow" 2 & 1	RUSTY FOXGLOVE	* <i>Digitalis</i> ferruginea <i>D. aurea</i>	Biennial plant. Long dense racemes of rusty tubular flowers are borne on very leafy stalks. Border. Prop. by seed and division. Any rich light soil. S. Europe.	4-6 ft. Sun or shade	July
"Cream color" 2	WOOLLY FOXGLOVE	* <i>Digitalis</i> lanata	See page 197.		Early June to late July
"Bright yellow" 4, anthers 13	BUNGE'S EREMURUS	* <i>Eremurus</i> Bungei	See page 197.		June, July
"Yellow" 6 lighter	WOOLLY BAHIA	<i>Eriophyllum</i> caespitosum <i>Actinella</i> lanata, <i>Bahia l.</i>	See page 198.		"
"Yellow" 4	COMMON GIANT FENNEL	* <i>Ferula</i> communis	Tiny flowers in flat-topped clusters on branching stalks are borne well above the mound of glossy finely-cut foliage for which the plant is chiefly grown. Plant in bold groups on lawns or edge of shrubberies. Prop. by fresh seed. Rich deep open soil. Mediterranean Region.	6-10 ft. Sun	July
"Yellow" 4	LADY'S BEDSTRAW	<i>Galium</i> verum	See page 198.		June to Sept.
"Yellow" bet. 5 & 6	DYER'S GREEN-WEED, BASE BROOM	* <i>Genista</i> tinctoria	See page 198.		Late June, July
"Yellow" 5	YELLOW GENTIAN	<i>Gentiana</i> lutea	Flowers in flat-topped clusters. Border or rock-garden. Prop. by seed. Leave undisturbed. Light rich soil. Europe; W. Asia.	2-3 ft. Half shade	July, Aug.
"Yellow"	SWORD LILY	** <i>Gladiolus</i> vars.	See color "various," page 365.		July to Oct.
"Yellow" 4	BROAD-LEAVED GUM-PLANT	<i>Grindelia</i> squarrosa	See page 198.		Late June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	BIGELOW'S SNEEZE-WEED	* <i>Helènium</i> <i>Bigelovii</i>	Daisy-like flowers, about 2 in. across with brown centres, either solitary or few on slender stems. Good for cutting. Useful, and easily cultivated in border. Prop. by seed, division or cuttings. Any soil, preferably rich and moist. N. Amer.	2-3 ft. <i>Sun</i>	July, Aug.
"Yellow" 6	BOLANDER'S SNEEZE-WEED OR SNEEZE-WORT	* <i>Helènium</i> <i>Bolánderi</i>	See page 198.		June to Sept.
"Yellow" 5	PURPLE-HEADED SNEEZE-WEED	* <i>Helènium nudiflorum</i> <i>Leptopoda brachypoda</i>	Fragrant daisy-like flowers, with drooping petals, sometimes striped with brownish purple; centre, brown or purplish. Effective in the border. Prop. by seed, division or cuttings. Moist rich soil preferable. S. Eastern U. S. A.	1-3½ ft. <i>Sun</i>	July to Oct.
"Yellow" 2 to 5	ROCK OR SUN ROSE	* <i>Heliánthemum vulgare</i>	See page 199.		Early June, July
"Yellow" 5	HAIRY SUN-FLOWER	** <i>Heliánthus mollis</i>	The most desirable of the perennial sunflowers. A vigorous plant with large solitary flowers about 3 in. across, and rough grayish leaves. Effective in the back of border. Prop. by seed and division. Any garden soil. U. S. A. See Plate, page 301.	2-5 ft. <i>Sun</i>	July, Aug.
"Yellow" 5	STIFF SUN-FLOWER	* <i>Heliánthus rigidus</i> <i>H. Missouriensis</i>	Distinct species. Showy flowers with reflexed petal tips borne in panicles. Valuable in shrubbery or border or for naturalization in the wild garden. Prop. by division; divide every 2 years. Dry soil, not too heavy. Western U. S. A.	1-4 ft. <i>Sun</i>	"
"Orange yellow" 6	PALE-LEAVED WOOD SUN-FLOWER	<i>Heliánthus strumosus</i>	Rayed flowers about 3 in. across are borne on branching stems. Rather rough grayish foliage. Shrubby. Var. <i>mollis</i> ( <i>H. macrophyllus</i> ), leaves downy underneath. Good for wild garden. For cultivation, etc., see <i>H. rigidus</i> . N. Amer.	3-7 ft. <i>Sun</i>	Mid. July to late Sept.
"Yellow" 5	THROAT-WORT SUN-FLOWER	<i>Heliánthus trachelifolius</i>	Branching plant with rough stalks. Pure green foliage. Not so showy as some other kinds. Plant among shrubs. For cultivation, etc., see <i>H. rigidus</i> . Central U. S. A.	3-5 ft. <i>Sun</i>	Mid. July to early Sept.
"Yellow" 6	OX-EYE, FALSE SUN-FLOWER	* <i>Heliópsis lævis</i> <i>H. helianthoides</i>	Branching plant bearing a profusion of sunflower-like blossoms about 2 in. across. Excellent for cutting. Effective in shrubbery or border. Prop. generally by division. Light soil, not too moist. Eastern N. Amer.	3-5 ft. <i>Sun</i>	Mid. July to late Sept.





HAIRY SUNFLOWER, *Helianthus mollis*.



ST. JOHN'S WORT. *Hypericum Mosirianum*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 6, centre 7	PITCHER'S OX-EYE OR FALSE SUN-FLOWER	* <i>Heliopsis lævis</i> var. <i>Pitcheri</i> <i>H. Pitcheri</i> <i>ana</i>	Dwarf bushy var., spreading 3 feet, distinguished by its deeper coloring and free blooming. Cup-shaped flowers in loose panicles. Good for the border, for dry situations, and for cutting. For cultivation, etc., see <i>H. lævis</i> . Hort.	2-3 ft. <i>Sun</i>	Mid. July to late Sept.
"Yellow" 6 deep	LEMON LILY	** <i>Hemerocallis flava</i>	See page 199.		June, early July
"Orange yellow" 8	MIDDEN-DORF'S YELLOW DAY LILY	** <i>Hemerocallis Middendorffii</i>	See page 199.		Late June, July
"Yellow" 5	LESSER YELLOW DAY LILY	* <i>Hemerocallis minor</i> <i>H. graminea</i> , <i>H. graminifolia</i>	Fragrant lily-like flowers in clusters. Good for cutting. Dark green grass-like foliage. Attractive on banks of streams or in the border. Prop. by division. Any moist rich soil. Siberia.	2 ft. <i>Half shade</i>	July, Aug.
"Yellow" 6 lighter	THUNBERG'S YELLOW DAY LILY	** <i>Hemerocallis Thunbergii</i>	See page 199.		Late June, July
"Golden yellow" 5	SHAGGY HAWK-WEED	<i>Hieracium villdsum</i>	See page 199.		June to mid. Aug.
"Yellow" 5	AARON'S BEARD, ROSE OF SHARON	<i>Hypêricum calycinum</i>	Rapidly spreading sub-shrub, almost evergreen. Large flowers, 3 in. across, with conspicuous stamens and red anthers. Dark glossy leaves. Used in England for carpeting under trees. Border or shrubbery. Protect in winter. Prop. by cuttings of root or ripe wood. Prefers sandy loam. S. Eastern Europe.	1 ft. <i>Sun or half shade</i>	July, Aug.
"Yellow" bet. 5 & 6	GOLD FLOWER, ST. JOHN'S WORT	** <i>Hypêricum Moserianum</i>	A very attractive sub-shrub bearing handsome single flowers, 2 in. across with a circle of conspicuous orange stamens. Foliage dark and fine. Protect in winter. Pleasing in the border, though never producing a mass of color as some flowers drop while others open. Prop. by seed and cuttings. Light warm soil preferable. Hort. See Plate, page 302.	2 ft. <i>Sun or half shade</i>	"
"Yellow" 5	SWORD-LEAVED ELECAMPANE	* <i>Inula ensifolia</i>	Vigorous plant and continuous bloomer with large aster-like flowers and rather coarse foliage. Useful for rock-garden or border. Prop. by seed and division. Any good soil. Europe; Asia.	6-8 in. <i>Sun</i>	Mid. July to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep yellow" 7	GLANDULAR FLEABANE OR INULA	* <i>Inula glandulosa</i>	A plant of coarse habit. Large aster-like flowers with fringed half-drooping petals. Leaves scattered along the stalks and in clumps at their base. Good border plant. Prop. by seed and division. Any soil. Caucasus.	2-3 ft. <i>Sun</i>	July, early Aug.
"Yellow" 6	ELECAMPANE	* <i>Inula Helënum</i>	Vigorous somewhat coarse plant. Flowers with fringe-like petals. Large rough leaves downy beneath. Naturalize in wild places. Prop. by seed and division. Easily cultivated in ordinary soil. Europe; Siberia.	3-4 ft. <i>Sun</i>	Mid. July to late Aug.
"Yellow" effect 11	TUCK'S FLAME FLOWER	* <i>Kniphõfia Tuckii</i>	See page 200.		June to Sept.
"Yellow"	EDELWEISS	* <i>Leontopodium alpinum</i> <i>Gnaphalium L.</i>	See page 200.		June, July
"Yellow" 5	GRAY-HEADED CONE-FLOWER	* <i>Lépachys pinnata</i> <i>Ratibida p.</i> , <i>Rudbeckia p.</i>	See page 200.		June to mid. Sept.
"Yellow" 7 dull	YELLOW CANADA LILY	* <i>Lilium Canadense</i> var. <i>flavum</i>	See page 200.		June, July
"Yellow" 5	THUNBERGIAN LILY ALICE WILSON	** <i>Lilium elegans</i> var. "Alice Wilson"	Excellent var. with flowers almost lemon-colored terminating leafy stems. Easy to grow. Mass in border or along margin of shrubbery. Bulbous. Prop. by offsets or scales. Rather peaty soil. Avoid direct contact with manure. Japan.	1-2 ft. <i>Sun or shade</i>	July
"Yellow" 6	YELLOW THUNBERGIAN LILY	** <i>Lilium elegans</i> var. <i>alutaceum</i> <i>L. e. var. Armeniacum</i> , var. <i>citrinum</i>	Dwarf var. with spotted flowers terminating erect leafy stalks. Charming massed in margin of border. Bulbous. Prop. by offsets or scales. Peaty soil well enriched. Avoid direct contact with manure. Japan.	8-10 in. <i>Sun or half shade</i>	"
"Yellow" 3	CAUCASIAN LILY	* <i>Lilium monadelphum</i> <i>L. Colchicum</i> , <i>L. Szovitzianum</i>	See page 200.		June, July
"Yellow" 5	PARRY'S LILY	* <i>Lilium Párryi</i>	See page 200.		"
"Golden yellow" 6 more orange	HUMBOLDT'S LILY	* <i>Lilium puberulum</i> <i>L. Bloomerianum</i> , <i>L. Californicum</i> , <i>L. Humboldtii</i>	See page 200		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Buff" 1	NANKEEN LILY	** <i>Lilium testaceum</i> <i>L. excelsum</i> , <i>L. Isabellinum</i>	See page 203.		Mid. June to mid. July
"Yellow" 3	DALMATIAN TOAD-FLAX	* <i>Linaria Dalmatica</i>	See page 203.		Early June to early July, late July to late Aug.
"Yellow" 3 & 7	MACEDONIAN TOAD-FLAX	<i>Linaria Macedonica</i>	See page 203.		June, July
"Yellow" 5	YELLOW FLAX	* <i>Linum flavum</i>	See page 203.		"
"Yellow" 3	BIRD'S-FOOT TREFOIL, BABIES' SLIPPERS	<i>Lotus corniculatus</i>	See page 203.		June to Oct.
"Yellow" 5	MONEY-WORT, CREEPING JENNY	* <i>Lysimachia nummularia</i>	See page 203.		Early June to late July
"Yellow" 5	SPOTTED LOOSE-STRIPE	* <i>Lysimachia punctata</i> <i>L. verticulata</i>	See page 203.		June, July
"Yellow" bet. 5 & 6	BULB-BEARING LOOSE-STRIPE	<i>Lysimachia stricta</i> <i>L. terrestris</i>	See page 203.		"
"Yellow" 4	COMMON YELLOW LOOSE-STRIPE	* <i>Lysimachia vulgaris</i>	See page 204.		"
"Yellow" 5	WELSH POPPY	<i>Meconopsis Cambica</i>	See page 204.		"
"Yellow" 3	LARGE-FLOWERED BIENNIAL EVENING PRIMROSE	* <i>Oenothera biennis</i> var. <i>grandiflora</i> <i>O. Lamarckiana</i>	See page 204.		June to Sept.
"Yellow" 5	SUNDROPS	** <i>Oenothera fruticosa</i>	See page 204.		June, July
"Yellow" 5	FRASER'S EVENING PRIMROSE	** <i>Oenothera glauca</i> var. <i>Fraseri</i> <i>O. Fraseri</i>	See page 204.		June to Sept.
"Lemon yellow" 3	LINEAR-LEAVED EVENING PRIMROSE	<i>Oenothera linearis</i> <i>O. fruticosa</i> var. <i>l.</i> , <i>O. riparia</i>	See page 204.		June to early Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 3	MISSOURI PRIMROSE	** <i>Oenothera Missouriensis</i> <i>O. macrocarpa</i> , <i>Megaptërium M.</i>	See page 204		June to early Aug.
"Yellow" 5	TAURIAN GOLDEN DROP	<i>Onósma stellulatum</i> var. <i>Tauricum</i> <i>O. Tauricum</i>	Hairy evergreen growing in thick tufts. Drooping roundish tubular flowers in clusters, almond scented. Rock-garden. Prop. by cuttings. Thrives in light well-drained soil of good depth. Greece.	6-12 in. Sun	July, Aug.
"Pale yellow" 6	MANY-SPINED OPUNTIA	<i>Opúntia Missouriensis</i> <i>O. ferox</i> , <i>O. splendens</i>	Perfectly hardy and very effective. Low spreading Cactus with grayish and "reddish brown spines" and obovate joints. Flowers 2-3 in. across. Good for rock-garden, ledges, etc. Prop. by cuttings more easily than by seed. Any soil, well-drained. Prairies, W. Central U. S. A.	1 ft. Sun	"
"Yellow" 6	WESTERN PRICKLY PEAR	<i>Opúntia Rafinesquii</i> <i>O. mesacantha</i>	The handsomest species. Spreading Cactus of prostrate habit with small spines in tufts. Showy red-centred flowers. Fragile but useful for sheltered situation in the rock-garden. "Protect from slugs by dressing of soot." Prop. by joints rooted in sand under glass. Will grow in rocky places where soil is too thin for other plants. Dry well-drained soil. Central U. S. A.; Tex.	1 ft. Sun	"
"Dull yellow" 3 duller	BARBERRY FIG, COMMON PRICKLY PEAR	<i>Opúntia vulgaris</i> <i>O. Opúntia</i>	See page 207.		June to Sept.
"Pale yellow" 2	CROWDED PENTSTEMON, OR BEARD-TONGUE	* <i>Pentstemon confertus</i>	See page 207.		June, early July
"Yellow" 6 to 13	JERUSALEM SAGE	<i>Phlomis fruticosa</i>	See page 207.		June, July
"Yellow" 3	SILVERY CINQUE-FOIL	<i>Potentilla argentea</i>	See page 105.		Early May to early July
"Yellow" 1	SILVERY-LEAVED CINQUE-FOIL OR FIVE-FINGER	<i>Potentilla argyrophylla</i> <i>P. insignis</i>	See page 207.		June, July
"Lemon yellow" 3	CALABRIAN CINQUE-FOIL	<i>Potentilla Calabra</i>	See page 105.		Late May to early July



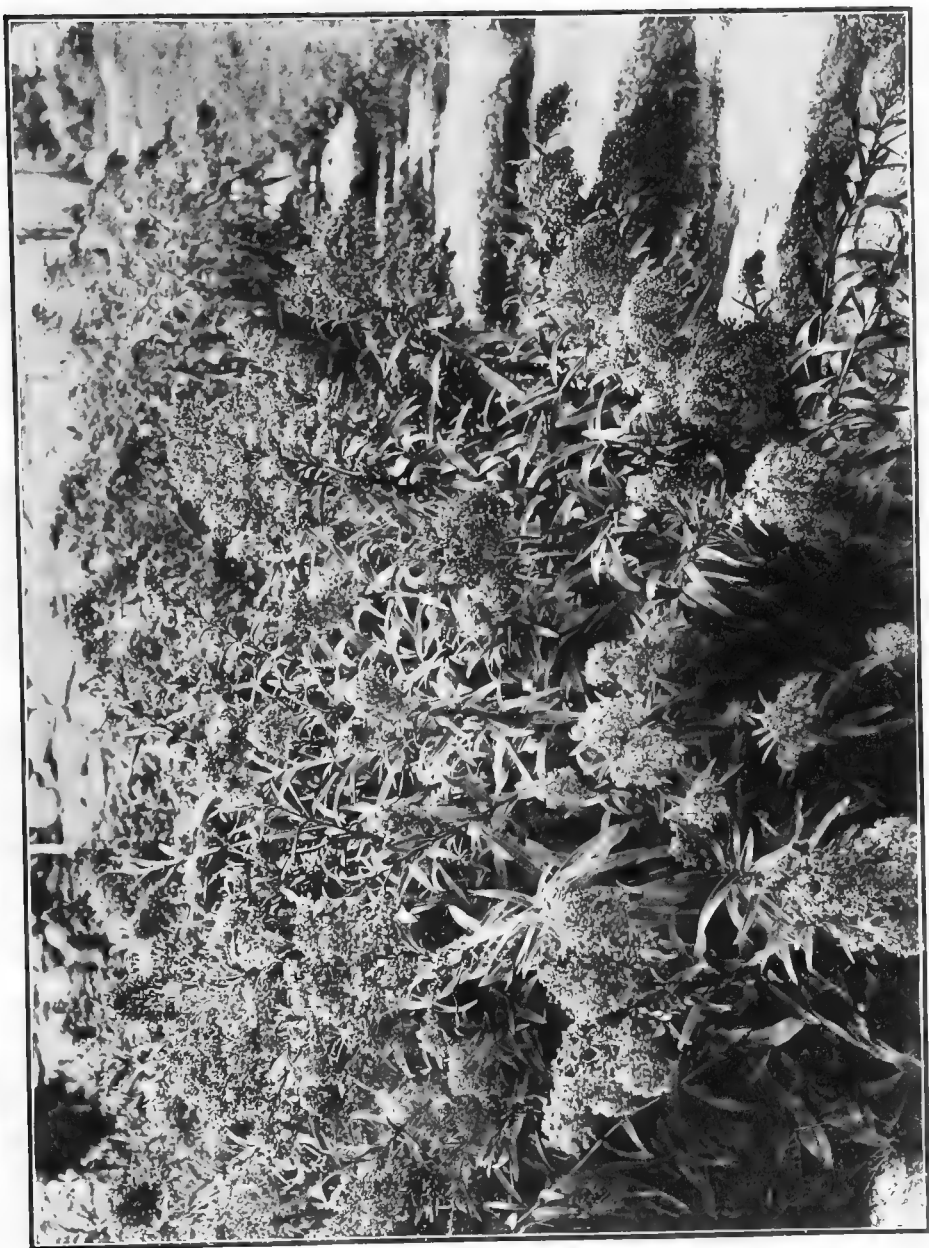
CREEPING DOUBLE-FLOWERED BUTTERCUP. *Ranunculus repens*. var. *flore-pleno*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 3	SHRUBBY CINQUE-FOIL OR FIVE-FINGER	Potentilla fruticosa	See page 207.		June to Sept.
"Golden yellow" effect 7	HYBRID CINQUE-FOIL OR FIVE-FINGER	*Potentilla "Gloire de Nancy"	See page 208.		"
"Yellow" 3	LARGE-FLOWERED CINQUE-FOIL OR FIVE-FINGER	Potentilla grandiflora	See page 208.		June, July
"Golden yellow" 5	PYRENEAN CINQUE-FOIL	Potentilla Pyrenaica	See page 105.		May to Aug.
"Golden yellow" 5	BACHELOR'S BUTTONS	Ranunculus acris var. flore-pleno	See page 105.		Mid. May to Sept.
"Yellow" 5	MOUNTAIN BUTTERCUP	Ranunculus montanus	See page 106.		May to early July
"Yellow" 5	CREeping DOUBLE-FLOWERED BUTTERCUP	Ranunculus repens var. flore-pleno	See page 106 and Plate, page 307.		May to Aug.
"Yellow" 5	TALL OR GREEN-HEADED CONE-FLOWER	*Rudbeckia laciniata	Large daisy-like flowers with few much recurved petals, and greenish centres, on branching stems. Good in wild garden or border. Prop. by seed and division. Any garden soil; requires plenty of moisture. Canada S. to Fla., W. to Rocky Mts.	2-7 ft. Sun or half shade	Mid. July to late Aug.
"Yellow" bet. 5 & 6	GOLDEN GLOW	**Rudbeckia laciniata var. flore-pleno	Very showy free-flowering plant with large double flowers. May be cut after flowering for a second bloom. Popular for massing as it makes a very brilliant effect. Prop. by division. Any garden soil; requires plenty of moisture. Hort.	2-10 ft. Sun	Late July to late Sept.
"Yellow" 6, brown centre	SHOWY CONE-FLOWER	*Rudbeckia speciosa R. aspera	Compact in growth. Masses of yellow-rayed flowers, 3-4 in. across, with velvety maroon centres. Excellent border plant. Prop. by division. Thrives in ordinary garden soil. U. S. A. See Plate, page 308.	1-3 ft. Sun or half shade	July, early Aug.
"Deep yellow" 6	THIN-LEAVED CONE-FLOWER	**Rudbeckia triloba	One of the best Rudbeckias. Dense bushy plant. Numerous rayed flowers form a brilliant mass of color. Clean foliage. Associate with Larkspurs in shrubbery or border. Flowers the first year from seed. Biennial, perpetuated by self-sown seed. Any soil. Eastern U. S. A.	2-5 ft. Sun or shade	July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 4 green	RUE, HERB OF GRACE	<i>Ruta graveolens</i>	Common Rue. Not a very pretty plant with panicles of small fragrant flowers, and much divided leaves. Plant in sheltered position and protect in winter. Prop. by seed and division. Asia; S. Europe.	1½-2 ft. <i>Sun</i>	July
"Pale yellow" 2	JUPITER'S DISTAFF	* <i>Sálvia glutinosa</i>	Flowers in whorls on erect stems. Foliage poor in color. Lower leaves very large, upper ones smaller. Border. Prop. by seed in early summer or spring. Rich soil. Europe; Asia. See page 208.	3 ft. <i>Sun</i>	Mid. July to early Aug.
"Yellow" 3 pale	WEBB'S SCABIOUS OR PIN-CUSHION FLOWER	<i>Scabiosa ochroleuca</i> <i>S. Webbiàna</i>			June to early Sept.
"Yellow" 5	AIZOON STONECROP	* <i>Sèdum Aizoon</i>	See page 208.		Mid. June to mid. Aug.
"Golden yellow" 4	ORANGE STONECROP	* <i>Sèdum Kamtschaticum</i>	Starry flowers in flat clusters. Bright pulpy evergreen foliage. Good for compact carpeting. Prop. preferably by division. Sandy soil best. E. Asia.	4-9 in. <i>Sun or half shade</i>	July, Aug.
"Yellow" 3 dull	MIDDEN-DORF'S STONECROP	* <i>Sèdum Middendorffianum</i>	See page 209.		June, July
"Yellow" 2 greenish	STONE-HORE, STONE ORPINE, TRIP-MADAM	* <i>Sèdum reflexum</i>	Trailing evergreen. Flowers marked with pale chocolate grow on stems becoming erect at time of bloom. Pulpy closely tufted leaves. Excellent for carpeting. Prop. preferably by division. Dry soil. Europe.	8-10 in. <i>Sun</i>	Early July to early Aug.
"Yellow"	CRESTED STONE-HORE, STONE ORPINE OR TRIP-MADAM	<i>Sèdum reflexum</i> var. <i>cristatum</i> <i>S. monstrosus</i> , <i>S. robustum</i>	Dwarf var. of trailing habit, with stems grouped in fan-shaped or crested manner. For cultivation, etc., see <i>S. reflexum</i> .	3 in. <i>Sun</i>	"
"Yellow" 4	SIX-ANGLED STONECROP	<i>Sèdum sexangulare</i>	See page 209.		Early June, July
"Yellow" 2	HENS-AND-CHICKENS, HOUSELEEK	* <i>Sempervivum globiferum</i> <i>S. soboliferum</i>	Small starry flowers in meagre clusters. Pulpy foliage, bright green tinged with red, in small cactus-like rosettes. Plant in clumps in rock-garden or on stone-wall. Prop. by division or offsets. Any sandy soil. European Alps.	6-9 in. <i>Sun</i>	July, Aug.
"Pale yellow" 2 bright	HAIRY HOUSELEEK	* <i>Sempervivum hirtum</i>	Small star-like flowers in panicles. Rosettes of fringed pulpy leaves. Pretty foliage plant for rock-garden. Prop. by seed or offsets. Sandy soil. Middle Europe.	6-9 in. <i>Sun</i>	"



GOLDENROD, *Solidago sempervirens*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	DORIAN GROUNDSEL OR RAGWEED	<i>Senecio Doria</i>	Showy erect plant. Rayed flowers in loose clusters. Root-leaves grayish green. Border or wild garden. Prop. by seed, division or cuttings. Any good loam. S. Europe.	3-4 ft. Sun	July, Aug.
"Yellow" 5	ROUGH ROSINWEED	<i>Silphium asperillum</i>	Large sunflower-like blossoms on rough stalks. Coarse foliage thickly produced at the top of the plant. Good for naturalization. Prop. by seed and division. Any soil. N. Amer.	2-5 ft. Sun	July to early Sept.
"Yellow" 5	COMPASS PLANT, PILOT WEED	** <i>Silphium laciniatum</i>	Foliage extremely decorative on a large scale. Vigorous growth. Sunflower-like blossoms, facing the east droop above a luxuriant mass of prickly leaves, cool grayish green and oak-like. Plant in clumps of two or three in roomy wild garden or shrubbery. Prop. by seed and division. Any garden soil. Prairies, U. S. A.	6 ft. Sun	Mid. July to mid. Sept.
"Yellow" 6 lighter	CUP PLANT, INDIAN CUP	* <i>Silphium perfoliatum</i>	Sunflower-like flowers. Coarse foliage. Good in wild garden and amidst shrubbery. Prop. by seed and division. Easily cultivated in any garden soil. Prairies, U. S. A.	4-8 ft. Sun	"
"Yellow" 6 lighter	WHORLED ROSINWEED	<i>Silphium trifoliatum</i>	Sunflower-like blossoms in round clusters surmount very leafy stems. Large leaves, generally slightly shaggy. Mass in wild garden. Prop. by seed and division. Any rich soil. Eastern U. S. A.	4-7 ft. Sun	Mid. July to mid. Sept.
"Yellow" 5 to 6	GOLDEN-ROD	* <i>Solidago</i>	Strikingly effective. Erect leafy stems bear minute flowers in plummy panicles. Effective planted with Asters in shrubbery. Will bloom after frost. May spread too much. Prop. by division. Grows in any soil, but improves under good treatment. Among the best vars. offered for sale are:— <i>Canadensis</i> , charming foliage. <i>Canadensis</i> var. <i>glabrata</i> ; (color no. 5). ** <i>Drummondii</i> ; (color no. 5). <i>Latifolia</i> ; (bet. 5 & 6). <i>Nemoralis</i> . <i>Patula</i> ; (color no. 4 deeper). * <i>Petio-laris</i> ; (color no. 5). ** <i>Rigida</i> ; (color no. bet. 5 & 6). Coarse foliage. <i>Sempervirens</i> . <i>Shortii</i> ; 5 ft. high. <i>Speciosa</i> ; (color no. bet. 5 & 6). <i>Ulmifolius</i> . See Plate, page 311.	2-5 ft. Sun	Late July to early Oct.
"Yellow" 2	FALSE RHUBARB, FEN RUE	<i>Thalictrum flavum</i>	Pyramidal clusters of pale greenish yellow flowers. Pretty fern-like foliage. Rock-garden. Prop. in spring by seed and division. Well-drained loam. Europe; Asia. See Plate, page 312.	2-4 ft. Half shade	July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Greenish yellow" 2	GLAUCOUS MEADOW RUE	<i>Thalictrum glaucum</i>	See page 209.		Late June to late July
"Greenish yellow" 3	DWARF MEADOW RUE	* <i>Thalictrum minus</i> <i>T. purpurcum</i> , <i>T. saxatile</i>	See page 209.		Late June to mid. July
"Yellow" 4 lighter	GOLDEN ALEXANDERS	<i>Thaspium aureum</i> <i>T. trifoliatum</i> var. <i>a.</i>	See page 209.		June, July
"Yellow" 5	CAROLINA THERMOPSIS	* <i>Thermopsis Caroliniæna</i>	See page 209.		Early June to mid. July
"Yellow" 4	ALLEGHANY THERMOPSIS	* <i>Thermopsis mollis</i>	See page 106.		Mid. May to Aug.
"Yellow"	CROCUS-FLOWERED BLAZING STAR	** <i>Tritonia crocosmæflora</i> vars. <i>Montbretia crocosmæflora</i>	Lovely slender branching plants with long spike-like racemes of flowers 2 in. across. Tall stiff narrow foliage springs from near the bulb. Protection of mulch or indoor wintering is necessary. Very gay and attractive for the border. Bulbous. Plant in Apr. or May and prop. by scales and offsets. Rich well-drained soil. Vars.: * <i>Rayon d'or</i> ; (color no. bet. 6 & 7 brilliant), large ochre yellow flowers with brown blotches at the base of the tube. * <i>Gerbe d'or</i> ; (color no. 7 more orange), brilliant golden yellow. * <i>Soleil couchant</i> ; (color no. 7 tinged with 18), a profusion of small rich golden yellow flowers. Hort. There are orange and red vars.	2-3 ft. Sun	July to Oct.
"Yellow" 2	NETTLE-LEAVED MULLEIN	* <i>Verbascum Chaixii</i> <i>V. orientale</i> , <i>V. vernale</i>	See page 210.		Late June to late July
"Yellow" 2	DARK MULLEIN	* <i>Verbascum nigrum</i>	See page 210.		Early June to late July
"Deep yellow" 3	OLYMPIAN MULLEIN	** <i>Verbascum Olympicum</i>	Most conspicuous of the Mulleins. Large flowers in dense evenly branching spikes. The foliage bold in character is covered with white down. Requires about 3 years to bring into bloom. Prop. by seed. Any garden soil. Greece. See Plate, page 315.	6-10 ft. Sun	July



OLYMPIAN MULLEIN. *Verbascum Olympicum*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 6	<b>YELLOW HORNED VIOLET OR BEDDING PANSY</b>	<b>**Viola cornuta</b> var. <i>lutea</i> major	See page 35.		Late Apr. until frost
"Orange" 9	<b>GOLDEN PERUVIAN LILY</b>	<b>*Alstroemeria aurantiaca</b> <i>A. aurea</i>	Beautiful large lily-like flowers, marked with brown and green, 10 to 15 in an umbel. Foliage gray-green. Somewhat difficult to grow. Do not disturb when established and protect in winter. Tuberous plant, yet may be propagated by seed. Well-drained soil mixed with decayed vegetable matter. Chili.	2-4 ft. Half shade	July, Aug.
"Red orange" shading 10 to 12	<b>BUTTERFLY WEED, PLEURISY ROOT</b>	<b>**Asclepias tuberosa</b>	Most striking and flamboyant in color and one of the hardiest of plants. Flowers in large flat clusters. When naturalized it makes a brilliant effect. Excellent for the border and among shrubs. Prop. by division, rarely by seed. Any soil. N. Amer. See Plate, page 316.	2-3 ft. Sun	Early July to early Aug.
"Orange" 13	<b>BLACK-BERRY OR LEOPARD LILY</b>	<b>*Belemcanda Chinensis</b> <i>B. punctata</i> , <i>Pardanthus Sinensis</i> , <i>P. Chinensis</i> , <i>Íxia punctata</i>	Similar to the Iris. Crimson-spotted flowers an inch long, passing quickly. Lance-shaped leaves in tufts. Seeds resembling Blackberries. Prop. by seed and division. Rich and sandy soil. China; Japan.	2-4 ft. Sun	July, Aug.
"Orange" near 7	<b>DOUBLE ORANGE DAISY</b>	<b>*Erigeron aurantiacus</b>	A showy species with solitary daisy-like flowers. Pretty, massed in wild garden or border. Prop. by seed and division. Any garden soil. Turkestan.	9 in. Half shade	"
"Flame color" 12	<b>FISCHER'S HORNED POPPY</b>	<b>*Glaucum Fischeri</b>	Poppy-like flowers bloom briefly in rapid succession. Snow-white woolly foliage. Excellent as an edging. Prop. by division. Best to treat as a biennial. Any garden soil. Hort.	9-12 in. Sun	July
"Copper" near 7	<b>HYSSOP-LEAVED ROCK ROSE</b>	<b>*Helianthemum vulgare</b> var. <i>hyssopifolium</i>	See page 210.		Early June, July
"Orange" 10 deeper	<b>ORANGE DAY LILY</b>	<b>*Hemerocallis aurantiaca</b>	Showy profusion of trumpet-shaped flowers are borne in clusters on long stems. Grass-like foliage. Striking in border or rock-garden. Prop. by seed and division. Any moist rich soil. Japan. <b>**Var. major</b> ; larger than the type in every way and very fine with wide-open flowers of a deeper color and glaucous foliage. Japan.	2½-3 ft. Half shade	July, early Aug.
"Orange" 11 brilliant	<b>DUMORTIER'S DAY LILY</b>	<b>**Hemerocallis Dumortieri</b> <i>H. rutilans</i> , <i>H. Sieboldii</i>	See page 210.		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Tawny orange" 14 brighter	BROWN DAY LILY, MAHOGANY LILY	* <i>Hemerocallis fulva</i> <i>H. disticha</i>	A larger plant than <i>H. flava</i> . Flowers lily-shaped, in clusters of 6 to 12; good for cutting. Foliage grass-like. Attractive in masses especially in semi-wild spots and on the edge of water. Easily cultivated. Prop. by division. Any moist rich soil. Europe; Asia. See Plate, page 319. *Var. <i>Kwamso</i> , Double Orange Lily; (color no. 9), double flowered and sometimes with variegated foliage. Handsome "for edgings and rock-garden." *Var. <i>flore-pleno</i> ; a fine var. with a red spot on each petal. Var. <i>variegata</i> ; leaves striped with white. Hort. vars.	2-3 ft. <i>Sun or half shade</i>	July, early Aug.
"Orange" 12	ORANGE HAWK-WEED	<i>Hieracium aurantiacum</i>	See page 211.		June to Oct.
"Orange" effect 7	OREGON LILY	* <i>Lilium Columbianum</i> <i>L. parviflorum</i> , <i>L. Sayi</i>	See page 211.		June, early July
"Apricot" 10 pinker	SHINING THUNBERGIAN LILY	** <i>Lilium elegans</i> var. <i>fulgens</i> <i>L. Batemanianæ</i> , <i>L. fulgens</i> , <i>L. sanguineum</i>	One of the best and strongest vars. Very easy to grow. Flowers smaller than the type, unspotted and of a particularly charming color, generally 3 on the stalk. Remarkably effective massed in border or on margin of shrubbery. Rich light peaty soil. Avoid direct contact with manure. Japan.	1-3½ ft. <i>Sun or shade</i>	Mid. July to early Aug.
"Warm apricot" 11	WALLACE'S THUNBERGIAN LILY	** <i>Lilium elegans</i> var. <i>Wallacei</i> <i>L. Wallacei</i>	Rather pale flowers, spotted with black, generally two on the stalk. Excellent in masses on the edge of shrubbery, or in the border or shady part of rock-garden. Light rich soil. Avoid direct contact with manure. Japan.	1-2½ ft. <i>Sun or half shade</i>	July
"Orange" 26 orange	ASA GRAY'S LILY	* <i>Lilium Grayi</i>	See page 211.		June, July
"Reddish orange" 26 orange	SPOTTED OR HANSON'S LILY	** <i>Lilium maculatum</i> <i>L. Hansonii</i>	See page 211.		"
"Reddish orange" 12 redder	WILD ORANGE-RED OR PHILADELPHIA LILY	* <i>Lilium Philadelphicum</i>	The most characteristic and widely distributed of our native Lilies. Charming delicate flowers of a beautiful color spotted with black, on graceful leafy stalks. Good for margin of Rhododendron bed or in border. Bulbous. Prop. by offsets, scales, or very slowly by seed. Light rich soil. Avoid direct contact with manure. N. Amer.	1-3 ft. <i>Sun or half shade</i>	July, Aug.



BROWN DAY LILY AND PERENNIAL PHLOX. *Hemerocallis fulva* and *Phlox paniculata*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Reddish orange" bet. 19 & 20	AMERICAN TURK'S CAP LILY	** <i>Lilium superbum</i>	Native in meadows and marshes. Delicate drooping flowers, having pointed reflexed petals, spotted within, in a pyramidal panicle of about 20. Charming, scattered in margin of Rhododendron beds or massed in border. Bulbous. Prop. by offsets, scales, or very slowly by seed. Any well-drained soil. Avoid direct contact with manure. Eastern N. Amer.	3-6 ft. <i>Sun or half shade</i>	Early July to early Aug.
"Orange" 12	TIGER LILY	** <i>Lilium tigrinum</i>	A showy and vigorous plant. Racemes of drooping flowers with reflexed purple-spotted petals. Dark glossy foliage. Old-fashioned and useful giving a stately effect in the border. Naturalize near shrubbery or along a stone wall. Bulbous. Prop. by offsets, scales, or bulbs. Any well-drained soil. Avoid direct contact with manure. China. See Plate, page 320. Var. <i>*splendens</i> ; (color no. 16 deeper), one of the best Lilies bearing elongated racemes of about 25 flowers. Very effective clumped in border. Var. <i>flore-pleno</i> ; double flowered and more thickly spotted. China; Japan.	2-5 ft. <i>Sun or half shade</i>	Mid. July to Sept.
"Red orange" 11	ATLANTIC POPPY	* <i>Papaver rupifragum</i> var. <i>Atlanticum</i> P. A.	See page 114.		Late May to Aug.
"Orange" 11	RUSSELL'S CINQUE-FOIL OR FIVE-FINGER	<i>Potentilla Russeliæna</i>	Large single flowers. Pretty compound leaves. Protect in winter. Not strictly hardy. Border. Prop. by division in spring. "Heavy soil." Hort.	2 ft. <i>Sun</i>	July, Aug.
"Orange" 6 to 18	POTTS' BLAZING STAR	** <i>Tritonia Pottsii</i> <i>Montbrètia Pottsii</i>	Vigorous and showy species. Star-like yellow flowers, flushed with brick red, in waving racemes. Stiff linear leaves. Protect with mulch or house in winter. Excellent for the border. Bulbous. Plant in Apr. or May and prop. by scales or offsets. Rich well-drained soil. S. Africa.	2-3 ft. <i>Sun</i>	July to Oct.
"Red" 27	RED YARROW OR MILFOIL	* <i>Achillea Millefolium</i> var. <i>rubrum</i>	Numerous tiny flowers in broad flat clusters. Foliage finely divided. Effective on edge of shrubbery or in border. Prop. by division and cuttings. Any soil. S. Europe; Asia; N. Amer.	1-3 ft. <i>Sun</i>	Mid. July to mid. Sept.
"Violet crimson" 27 bright	PURPLE POPPY MALLOW	* <i>Callirhoe involucrata</i>	See page 212.		June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Red"	FRENCH OR CROZY CANNA	**Cánna vars.	See color "various," page 357.		July to late Sept.
"Red"	ITALIAN CANNA	**Cánna vars.	See color "various," page 358.		"
"Ma-roon" near 33	DARK PURPLE Knapweed	<i>Centaurea atropurpurea</i> <i>C. calocéphala</i>	See page 212.		June to Sept.
"Crimson" near 26	RED VALERIAN, JUPITER'S BEARD	* <i>Centránthus ruber</i>	See page 212.		June, July
"Red"	DAHLIA	** <i>Dahlia</i> vars.	See color "various," page 359.		Late July to late Oct.
"Orange scarlet" 18 more orange	SOUTHERN SCARLET LARKSPUR	* <i>Delphínium cardinale</i>	Flowers in showy spike-like racemes. Resembles <i>P. nudicaule</i> , but the flowers are finer and clusters larger. Leaves deeply divided. Handsome among shrubs or in the border. Protect in winter. Prop. by seed, division or cuttings. Deep friable sandy soil, well enriched. Cal.	2-3 ft. Sun	July, Aug.
"Red" 31 or 20 & 27 brilliant	CARTHUSIAN PINK	<i>Diánthus Carthusiandorum</i> <i>D. atrorubens</i>	See page 212.		Early June to early July
"Deep red" 28 bright to 26	DARK RED PINK	** <i>Diánthus cruentus</i>	See page 213.		June, July
"Crimson" 33	SEROTIN'S PURPLE CONE-FLOWER	* <i>Echinácea purpurea</i> var. <i>serótina</i> <i>E. intermedia</i>	A fine form though of somewhat coarse habit. Large daisy-like flowers, 3-6 in. across, in varying shades of rose and purple with prominent centres. Border. Prop. by division. Any soil, preferably rich and sandy. N. Amer.	2-3½ ft. Sun	July, Aug.
"Red" 41 slightly deeper	BLOOD-RED CRANES-BILL	** <i>Geranium sanguineum</i>	See page 115.		Late May to mid. July
"Dark red" 28	DOUBLE DEEP CRIMSON AVENS	* <i>Gèum atrosanguineum</i> var. <i>flòre-plèno</i>	See page 213.		June, July
"Orange scarlet" 26 orange	CHILOE AVENS	* <i>Gèum Chiloense</i> <i>G. coccineum</i> , (Hort.)	See page 213.		Late June to early Aug.
"Red"	SWORD LILY	** <i>Gladiolus</i> vars.	See color "various," page 365.		July to Oct.
"Deep red" 33	FRENCH HONEY-SUCKLE	<i>Hedýsarum coronarium</i>	See page 213.		June, early July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Red" 26 brilliant	CORAL OR CRIMSON BELLS	** <i>Heuchera sanguinea</i>	See page 213.		June to late Sept.
"Bright red" 18	BULB-BEARING LILY	* <i>Lilium bulbiferum</i>	A desirable plant. Clusters of brown-spotted flowers sometimes shading to orange. The scattered leaves bear small bulbs. Pretty in border. Bulbous. Prop. by offsets or scales, very slowly by seed. Light rich soil. Avoid direct contact with manure. Europe.	2-4 ft. Half shade	July, Aug.
"Orange red" 13 deep & redder	RED CANADA LILY	* <i>Lilium Canadense</i> var. <i>rubrum</i>	See page 214.		Early June to Aug.
"Orange red" 16	SOUTHERN RED LILY	* <i>Lilium Catesbaei</i>	Not easily cultivated in the North. Bright flowers spotted with dark purple. Bulbous. Prop. by offsets, scales, or very slowly by seed. Light well-drained soil, sandy and gravelly. Avoid contact with manure. S. Eastern U. S. A.	1-2 ft. Sun or half shade	July
"Scarlet" 18 deeper	SCARLET MARTAGON OR RED LILY	* <i>Lilium Chalcedonicum</i>	Gay nodding turban-shaped flowers, about 3 in. across, in small clusters, surmount leafy stalks. Good massed in border. Bulbous. Prop. by offsets, scales or very slowly by seed. Light well-drained soil. Avoid contact with manure. Greece.	3-4 ft. Sun or half shade	"
"Scarlet" 17 deeper	JAPANESE RED STAR LILY	* <i>Lilium concolor</i>	See page 214.		June, July
"Orange red" 12 redder & deeper	THUNDERBOLT LILY	** <i>Lilium elegans</i> <i>L. Daburicum</i> , <i>L. Thunbergianum</i> , <i>L. umbellatum</i>	See page 214.		"
"Bright red" 17, centre 5	PANTHER LILY	** <i>Lilium pardalinum</i> <i>L. Californicum</i>	A fine species. Drooping orange-centred flowers with purple-spotted reflexed petals. Foliage in whorls. Good for margin of shrubbery, etc. Bulbous. Prop. by offsets, scales, or very slowly by seed. Light well-drained soil. Avoid contact with manure. Cal.	2-3 ft. Half shade	July
"Scarlet" 17 brilliant	SIBERIAN CORAL LILY	** <i>Lilium tenuifolium</i>	See page 214.		Late June, July
"Scarlet" 33 warmer	SHINING CARDINAL FLOWER	* <i>Lobelia fulgens</i> <i>L. cardinalis</i> (Hort.) <i>L. formosa</i>	Strikingly brilliant flowers, large, deeper color and more showy than the Cardinal Flower. Long narrow bronzed-tinted leaves on the flower stalks. Effective in clumps against green. Protect in winter; not strictly hardy. Prop. by seed or cuttings. Mexico.	2-3 ft. Sun	July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Scarlet" bet. 12 & 18	MALTESE CROSS, JERUSALEM SAGE, SCARLET LIGHTNING	** <i>Lýchnis Chalcedónica</i>	See page 214.		Early June to mid. July
"Deep crimson" 33 brighter	DEEP CRIMSON MULLEIN PINK OR DUSTY MILLER	* <i>Lýchnis Coronària</i> var. <i>atrosanguínea</i>	See page 217.		June, July
"Red" 11, 17 & 18 brilliant	SHAGGY LYCHNIS	* <i>Lýchnis Haageana</i>	See page 217.		Early June to early Aug.
"Red" 24 redder	BLOOD-RED AMARYLLIS	<i>Lycòris sanguínea</i>	Half-hardy bulb. Large flowers. 3-4 in. wide, in umbels, bloom after the long narrow foliage has disappeared. Japan.	1-3 ft. Sun	July, Aug.
"Rosy red" 18	HALL'S AMARYLLIS	* <i>Lycòris squamigera Amariyllis Hallii</i>	Hardy bulb. Immense fragrant lily-like flowers, striped with yellow, bloom after the long narrow foliage has disappeared. Showy in border. Prop. by offsets. Var. <i>purpurea</i> is particularly hardy. Japan.	1-3 ft. Sun	"
"Scarlet" 18 duller	SCARLET MONKEY FLOWER	* <i>Mimulus cardinàlis</i>	See page 217.		June to Sept.
"Red" 20 lighter, centre 21 redder	OSWEGO TEA, BEE OR FRAGRANT BALM	** <i>Monàrda didyma</i>	See page 217.		Mid. June to early Sept.
"Crimson" 29 turning darker	WHORL FLOWER	* <i>Morina longifolia</i>	See page 217.		June, July
"Bright red" 27	ROUND-LEAVED REST HARROW	<i>Onònis rotundifolia</i>	Half shrubby plant with bright pea-shaped blossoms striped with deep rose. Compound leaves scattered along the branching stems. Rough part of rock-garden or border. Prop. by seed and division. Any soil. Europe.	1½ ft. Sun	July
"Scarlet" 24 deeper	SCARLET OURISIA	<i>Ourisia coccínea</i>	See page 218.		June, July
"Scarlet" bet. 12 & 19	ORIENTAL POPPY	** <i>Papàver orientàle</i>	See page 218.		Early June to early July
"Light red" 16	RUPIFRAGE POPPY	* <i>Papàver rupifragum</i>	See page 117.		May to Aug.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Scarlet" 18	TORREY'S BEARDED PENTSTEMON	** <i>Pentstemon barbatus</i> var. <i>Torreyi</i> <i>P. Torreyi</i>	A very attractive kind. Graceful plant which forms a dense clump bearing many erect stems from which droop brilliant tubular flowers. Gray-green leaves in clumps at the base. A charming border plant. Prop. by seed and division. Any soil not too dry and hot. Col.; N. Mexico.	4-5 ft. <i>Sun</i>	Early July to early Aug.
"Purple-red" 41 deeper	HARTWEG'S LARGE FLOWERED HYBRID PENTSTEMON	<i>Penstemon gentianoides hybrida grandiflora</i> <i>P. Hartwegi hybrida g.</i>	See page 218.		June to Sept.
"Red"	PERENNIAL PHLOX	** <i>Phlox paniculata</i> vars. <i>P. decussata</i>	See color "various," page 370.		July to Oct.
"Vermilion" 18 redder	CAPE FUCHSIA	* <i>Phygælius Capensis</i>	Effective sub-shrubby plant. Long pendent tube-shaped flowers in branching racemes terminate the many stalks which rise above the thick foliage. Not very hardy and needs protection. Prop. by seed or cuttings. Light rich soil. S. Africa.	1½-3 ft. <i>Sun</i>	July, Aug.
"Red"	ALKEKENG, STRAWBERRY TOMATO, WINTER OR BLADDER CHERRY	<i>Physalis Alkekengi</i>	Striking because of its bright red calyxes surrounding the edible fruit which is showy and lasts a long time. Not hardy in the North. Winter protection necessary. Prop. by seed and division. Good garden soil. S. Europe.	1-2 ft. <i>Sun</i>	Fruit July to late Oct.
"Red"	CHINESE LANTERN PLANT	* <i>Physalis Franchetti</i> <i>P. Alkekengi</i> var. <i>Franchetti</i>	Interesting and excellent hardy plant, grown for its handsome fruit. The fruit and calyxes are larger than in <i>P. Alkekengi</i> , are very showy and last a long time in good condition. Prop. by seed and division. Japan.	2 ft. <i>Sun</i>	"
"Red" 35	DARK BLOOD-RED SILVERY CINQUE-FOIL	<i>Potentilla argyrophylla</i> var. <i>atrosanguinea</i> <i>P. atrosanguinea</i>	See page 221.		June, July
"Red"	HYBRID CINQUE-FOIL DOUBLE VARS.	<i>Potentilla hybrida</i> vars.	See page 221.		June to Sept.
"Scarlet" bet. 12 & 15	RUSSELL'S HYBRID CINQUE-FOIL	* <i>Potentilla Russelliana</i>	See page 221.		Early June to Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pinkish red" near 33	COBWEB OR SPIDER-WEB HOUSE-LEEK	*Sempervivum arachnoidum	Pretty starry blossoms rise above pale almost white pulpy leaves clustered in tiny cactus-like rosettes which are studded closely together. Cultivated more for its peculiar foliage than for its flowers. Charming carpeting for rock-garden or stonewall. Prop. by division. Dry sandy well-drained soil. Mts., S. Europe.	3-5 in. Sun	July
"Pale red" near 22	ATLANTIC HOUSE-LEEK	*Sempervivum Atlánticum	See page 221.		June, July
"Red" 24, centre 33	HOUSE-LEEK, OLD-MAN-AND-WOMAN	*Sempervivum tectorum	See page 221		"
"Crimson" 20 brighter & lighter	FIRE PINK	*Silène Virgínica	See page 221		"
"Deep red" 20, 4 inside	PINK ROOT, WORM GRASS	*Spigèlia Marylándica	See page 222.		Late June to early Aug.
"Scarlet" 28	RED HEDGE NETTLE	Stachys coccínea	Rather a pretty plant. The small flowers are in irregular spikes. Border. Protect slightly in winter. Prop. by seed and division. Any soil. Tex. to Ariz. and Mexico.	1-2 ft. Half shade	July
"Bright red"	RED SPIDER-WORT	Tradescántia Virginiána var. coccínea	See page 117.		Late May to late Aug.
"Orange scarlet" often 16 pinker	CROCUS-FLOWERED BLAZING STAR	**Tritònia crocos-mæflòra Montbrètia crocos-mæflòra	The commonest species. Lovely slender branching plant with long spike-like racemes of flowers, 2 in. across. Tall stiff narrow foliage springs from near the bulb. Protection of mulch or indoor wintering is necessary. Very gay and attractive for the border. Bulbous. Plant in Apr. or May and prop. by scales and offsets. Rich well-drained soil. There are many yellow and orange vars. See Plate, page 327. Var. *Transcendant; bright red outside, golden yellow within. Hort.	3-4 ft. Sun	July to Oct.
"Bright red" sometimes 29	REDDISH BLAZING STAR	**Tritònia ròsea Montbrètia ròsea	Spreading tubular flowers spotted with yellow. Short stiff narrow leaves. Good winter protection of mulch is necessary; it is safer to winter indoors. For cultivation, etc., see T. crocosmæflora. S. Africa.	1 ft. Sun	July, Aug.



CROCUS-FLOWERED BLAZING STAR. *Tritonia crocosmæflora*.



CROWN VETCH. *Coronilla varia*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 29 lighter	NODDING WILD ONION	<i>Állium</i> <i>cérnum</i>	Flowers, sometimes white, in loose slightly drooping umbels. Grassy foliage. Easily cultivated in rock or wild garden. Prop. by seed and offsets. Well-drained soil. W. Alleghanies.	12-18 in. Sun	July
"Light pink" 22 pale	CHINESE GOAT'S BEARD	** <i>Astílbe</i> <i>Chinénsis</i>	Graceful species. Flowers in compact panicles rising above the handsome foliage. Effective in masses and in the border. Prop. by division. Any good garden soil. China.	1½-2 ft. Half shade	July, early Aug.
"Rose" 29 lighter & duller	EVANS' BEGONIA	<i>Begônia</i> <i>Evansiána</i> <i>B. discolor</i> , <i>B. grándis</i>	Hardy with slight protection. Profusion of large flowers. Foliage green above, red beneath. Prop. by cuttings. Light rich soil. Japan; China.	2 ft. Sun	July, Aug.
"Pink" 37 pinker	HEATHER, LING, HEATH	* <i>Callúna</i> <i>vulgàris</i> <i>Erica vulgàris</i>	Evergreen shrub. Small flowers sometimes white, in dense terminal racemes, lasting long when cut. Pretty in margin of shrubbery or in detached clumps. Prop. by division, cuttings or layers. Sandy peaty soil preferable. Europe; Asia Minor.	½-3 ft. Sun	"
"Purple pink" 40 duller	GRASS PINK ORCHIS	<i>Calopogon</i> <i>pulchéllus</i> <i>Limodórum</i> <i>tuberòsum</i>	See page 223.		June, July
"Purplish pink" 27	HOARY CEDRO- NELLA	* <i>Cedronélla</i> <i>càna</i>	See page 223.		June to Sept.
"Deep pink" 31	WHITENED KNAPWEED	<i>Centaurea</i> <i>dealbàta</i>	See page 223.		Late June to early Aug.
"Rose" 40 duller	ROSY MOUNTAIN BLUET	** <i>Centaurea</i> <i>montàna</i> var. <i>ròsea</i>	See page 223.		Late May to early July
"Purplish rose" 36 deep	SMALL ROSE OR PINK TICKSEED	* <i>Coreópsis</i> <i>ròsea</i>	See page 223.		June to Sept.
"Pink" 39	CROWN VETCH	<i>Coronilla</i> <i>vària</i>	See page 223 and Plate, page 328.		"
"Pink" 29	CROSS- WORT, FÆTID CRUCIA- NELLA	* <i>Crucianélla</i> <i>stylòsa</i>	See page 224.		"
"Pink etc."	DAHLIA	** <i>Dáhlia</i> vars.	See color "various," page 359.		July to late Oct.
"Deep rose" 29 duller & pale	ALPINE PINK	* <i>Diánthus</i> <i>alpínus</i>	See page 224.		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Delicate pink" 27 light	CHEDDAR PINK	* <i>Diánthus cæsius</i>	See page 121.		Late May to early July
"Magenta pink" 23	CINNAMON PINK	** <i>Diánthus cinnabarinus</i>	Flowers in tight round clusters. Rigid grass-like leaves. Charming in border or rock-garden. Prop. best by division. Rich soil. Greece.	1 ft. Sun	July, Aug.
"Pink" 25, 27, 28, 33, 34 & 35	BROAD-LEAVED PINK	** <i>Diánthus latifolius</i>	See page 224.		June to Sept.
"Rose" 36 light	ROCK PINK	* <i>Diánthus petræus</i>	See page 224.		Mid. June to Aug.
"Purple-plish rose" 31	SEGUIER'S PINK	** <i>Diánthus Seguierii</i>	See page 227.		Late June, July
"Deep rose" 25	WILD BLEEDING HEART	** <i>Dicentra eximia</i> <i>Dielytrae</i>	See page 227.		Early June to Aug.
"Rose" 30	BLEEDING HEART	** <i>Dicentra spectabilis</i> <i>Dielytra s.</i>	See page 40.		Late Apr. to mid. July
"Purple-plish pink" 32	RED GAS PLANT OR FRAXINELLA	** <i>Dictamnus albus</i> var. <i>rubra</i> <i>D. Fraxinella</i> var. <i>rubra</i>	See page 227.		June, July
"Purple-plish pink" 29	PALE PURPLE CONE-FLOWER	* <i>Echinacea angustifolia</i> <i>Brauneria pallida</i>	Rudbeckia-like plant. Flowers smaller than in <i>E. purpurea</i> , of brighter color, varying from pale pink to purple, continuous in bloom. Foliage hairy. Good border plant. Prop. by seed and division. Any soil, preferably rich and sandy. Central U. S. A.	1-3 ft. Sun	July, Aug.
"Purple-plish pink" bet. 32 & 39, centre 13 & 20	PURPLE CONE-FLOWER, BLACK SAMPSON	** <i>Echinacea purpurea</i> <i>Rudbeckia purpurea</i>	A compact bushy plant with large showy rayed flowers having drooping petals and dark centres. Blossoms last a long time. Splendid border plant. Prop. by seed and division. Requires good rich soil. U. S. A.	2-3 ½ ft. Sun	"
"Shell-pink" bet. 24 & 17	HEDGE-HOG THISTLE, SIMPSON'S CACTUS	<i>Echinocactus Simpsoni</i>	See page 227.		June to Sept.
"Magenta" 40	GREAT WILLOW HERB, FIRE WEED, FRENCH WILLOW	<i>Epilobium angustifolium</i> <i>Camænerion angustifolium</i>	See page 228.		June to early Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Peach-colored" 38	ROBUST EREMURUS	* <i>Eremurus robustus</i>	See page 228.		June, July
"Pink" 24	ARMENIAN CRANES-BILL	<i>Geranium Armenum</i> <i>G. Backbousianum</i>	See page 228.		"
"Light pink" veined with 26	LANCASTER CRANES-BILL	* <i>Geranium sanguineum</i> var. <i>Lancastriense</i>	See page 228.		"
"Pink" 36	SWORD LILY	** <i>Glaïolus</i> vars.	See color "various," page 365.		July to Oct.
"Pale pink" 36	CREeping CHALK PLANT	* <i>Gypsophila repens</i> <i>G. prostrata</i>	See page 228.		Early June to mid. July
"Pink" 22 light	MANY-PAIRED FRENCH HONEY-SUCKLE	<i>Hedysarum multijugum</i>	See page 228.		June to early Aug.
"Rose"	CHANGE-ABLE ROCK ROSE	<i>Heliánthemum vulgare</i> var. <i>mutabile</i>	See page 228.		Early June to Aug.
"Purple-pink" bet. 32 & 40	DELA VAY'S INCARVILLEA	* <i>Incarvillea Delavayi</i>	See page 229.		Early June to mid. July
"Pink"	JAPANESE LILY	* <i>Lilium Japonicum</i>	A choice species which resembles <i>L. Brownii</i> . 1-5 fragrant funnel-form flowers sometimes purple outside, always white within. Leafy stems. Pleasing among low shrubs or in border. Not very enduring. Bulbous. Prop. by offsets, scales, or very slowly by seed. Light rich soil. Avoid direct contact with manure. China; Japan. Var. ** <i>roseum</i> ( <i>L. Krameri</i> ); (color no. 43 pinker), more graceful than the type, with soft rose colored flowers varying to deep pink. A lovely Lily.	1-3 ft. Sun or half shade	July, Aug.
"Pale pink" 36 or 43	TWIN FLOWER	<i>Linnæa borealis</i>	See page 229.		June, July
"Pink" 27 light or 29 pale	RAGGED ROBIN, CUCKOO FLOWER	* <i>Lýchnis Flös-cuculi</i>	See page 229.		"
"Bright rose" 31	JUPITER'S FLOWER, UMBELLED LYCHNIS	* <i>Lýchnis Flös-Jovis</i> <i>Agrostemma Flös-Jovis</i>	See page 229.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep rose" 29	ALCEA MALLOW	* <i>Málva</i> <i>Alcèa</i>	See page 229.		June to Sept.
"Rose" 38 more violet	MUSK MALLOW	* <i>Málva moschàta</i>	A showy plant. Large single fragrant flowers 2 in. across, in clusters. Foliage sweet-smelling. Good in border. Prop. by seed and division. Any soil. Europe.	1-2 ft. <i>Sun or shade</i>	June to early Sept.
"Purple pink" 31	MEXICAN PRIMROSE	* <i>Oenothèra ròsea</i>	See page 229.		June, July
"Light pink"	SAINFOIN, HOLY CLOVER	<i>Onóbrychis sativa</i> <i>O. viciàfolia</i> , <i>Hedýsarum o.</i>	See page 230.		"
"Pink" 32	THORNY REST HARROW	<i>Onòdis spinòsus</i> <i>O. arvènsis</i> var. <i>spinòsus</i>	See page 230.		"
"Purple pink" bet. 37 & 38	WILD OR POT MARJORAM	<i>Oríganum vulgàre</i>	See page 230.		"
"Pale pink" 22	ORIENTAL POPPY BLUSH QUEEN	** <i>Papàver orientàle</i> "Blush Queen"	See page 230.		Early June to early July
"Pink or carmine" 32 varying	BEARDED PENTSTEMON	* <i>Pentstèmon barbàtus</i> <i>Chelòne barbàta</i>	See page 230.		Early June to mid. July
"Rose" 38 to 27	BELL-FLOWERED PENTSTEMON	* <i>Pentstèmon campanulàtus</i> <i>P. angustifolius</i> , <i>P. atropurpureus</i>	Branching plant, somewhat shrubby in appearance. Long narrow one-sided spikes of flowers in varying shades of rose, resembling Foxgloves. Desirable border plant. Prop. by seed or division. Any garden soil, not too dry. Mexico.	1½-2 ft. <i>Sun</i>	July, Aug.
"Purple rose" 32	TUBEROUS JERUSALEM SAGE	<i>Phlòmis tuberòsa</i>	See page 230.		June, July
"Deep rose" 40 lighter	CAROLINA PHLOX	* <i>Phlòx</i> <i>Carolina</i> <i>P. ovàta</i>	See page 231.		"
"Pink" 40	SMOOTH PHLOX	* <i>Phlòx glabérriima</i>	Erect growing plant. Flowers in flat clusters, varying to white. Bright glossy foliage. Pretty in border. Prop. by seed, division or cuttings. Rich moist soil. U. S. A.	1-2½ ft. <i>Sun</i>	July
"Rose" often 45 lighter	SHRUBBY SMOOTH-LEAVED PHLOX	* <i>Phlòx glabérriima</i> var. <i>suffruticòsa</i> <i>P. s.</i> , <i>P. nitida</i>	See page 231.		June to early Aug.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Reddish pink" 31 brilliant	MOUNTAIN PHLOX	* <i>Phlox ovata</i> <i>P. triflora</i>	See page 231.		June, July
"Pink"	PERENNIAL PHLOX	** <i>Phlox paniculata</i> vars. <i>P. decussata</i>	See color "various," page 370.		July to Oct.
"Purple-plish rose" 37 pinker	FALSE DRAGON HEAD, OBEDIENT PLANT, LION'S HEART	* <i>Physostegia Virginiana</i> <i>P. Virginica</i>	Grows in clumps forming an erect bushy plant. Flowers flesh colored, purple or white, in dense spike-like racemes. Transplant and divide frequently. Associate with bold plants in the border. Prop. by division in the spring. Strong rich rather moist soil. N. Amer. Var. <i>*denticulata</i> ; ( <i>P. denticulata</i> , <i>Dracocephalum denticulatum</i> ), a lower-growing and more slender form. Flowers less showy. N. Y. to Va. Var. <i>*speciosa</i> ; ( <i>P. imbricata</i> , <i>Dracocephalum speciosum</i> ), taller and of more slender habit than the type, with larger darker flowers and broader leaves. Tex.	1-3 ft. Sun	Early July to Aug
"Rose" 26	HYBRID CINQUE-FOIL	* <i>Potentilla Hapwoodiana</i>	See page 231.		Early June to Aug.
"Rose" 38 more violet	PRAIRIE SABBATIA	<i>Sabbatia campestris</i>	See page 231.		Late June, July
"Rose" about 25	PINK MEADOW SAGE	* <i>Salvia pratensis</i> var. <i>rosea</i>	See page 232.		June, early July
"Pink" 38 paler & more violet	ROCK SOAPWORT	* <i>Saponaria ocymoides</i>	See page 126.		Late May to Aug.
"Light pink" 38 & paler	DOUBLE BOUNCING BET	<i>Saponaria officinalis</i> var. <i>fiore-pleno</i>	Rambling rapidly spreading plant. Clusters of double flowers varying to white are borne on leafy stems. Good for naturalizing and in border when kept from spreading. Prop. by seed and division. Any soil. Europe.	1 1/2-2 1/2 ft. Sun or shade	July, Aug.
"Rose" near 27	AUTUMN SQUILL, STARRY HYACINTH	* <i>Scilla autumnalis</i>	Charming bulb. Small starry flowers in racemes. Leaves in tufts from the root. Good in rock-garden, wild garden or border. Enrich soil occasionally with top-dressing of manure. Great Britain; N. Africa.	6-9 in. Sun or shade	Late July to Oct.
"Purple-plish pink" 32	PURPLE STONECROP	* <i>Sedum stoloniferum</i> <i>S. spurius</i>	Trailing plant. Most desirable of the Sedums. Flowers, sometimes white, in clusters 2 in. wide. Flat succulent leaves. Good for carpeting rock-garden or edge of border. Caucasus.	6 in. Sun	Mid. July to early Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 23 dull	ORPINE, LIVE- FOREVER	*Sedum Teléphium	Sturdy plant. Flowers vary to rosy purple and sometimes to white, in wide clusters, not abundant, but lasting long when cut. Foliage succulent. Pretty in dry border or rock-garden. Prop. by seed or offsets. Any soil, preferably sandy. Europe; N. Asia. Var. <i>purpurascens</i> ; (color no. 32). flowers also purplish, in dense heads on strong stems, height 15-20 in. France. Var. <i>purpureum</i> ; foliage dark purple. As edging or in rock-garden. N. Asia.	12-18 in. Sun	July, Aug.
"Pale" pink" 38	AUVERGNE HOUSELEEK	*Sempervivum Arvernense	See page 232.		June, July
"Salmon rose" 22 brighter	VERLOTT'S HOUSELEEK	*Sempervivum Verloti	Starry flowers on leafy stalks rise well above rather grayish pulpy foliage clustered in small cactus-like rosettes. Pretty carpeting for rock-garden. Prop. by seed. Sandy well-drained soil. French Alps.	6-9 in. Sun	July
"Pink" 29 lighter	PINK BEAUTY	Sidalcea malvæflora var. Listeri	See page 232.		June, July
"Rose pink" 38	AUTUMN CATCHFLY	Silene Schäfta	See page 233.		June to Sept.
"Deep pink" 24 brilliant	QUEEN OF THE PRAIRIE	*Spiraea lobata <i>S. palmata</i> <i>Filipendula l.</i> <i>Ulmaria</i> <i>rubra</i>	See page 233.		Early June to Aug.
"Car- mine" 26 deep	PALMATE- LEAVED MEADOW SWEET	**Spiraea palmata <i>Filipendula</i> <i>purpurea</i> , <i>Ulmaria p.</i>	See page 233.		June, July
"Pink" 22	ELEGANT PALMATE- LEAVED MEADOW SWEET	**Spiraea palmata var. elegans <i>Ulmaria</i> <i>rubra var. e.</i>	See page 233.		Late June, July
"Rose"	HILL- LOVING SEA LAVENDER	Statice collina <i>S. Bessieriana</i>	See page 233.		June, July
"Pur- plish rose" 37	AMERICAN GERMAN- DER, WOOD SAGE	Teucrium Canadense <i>T. Virginicum</i>	Tubular flowers varying to cream white in long spikes. Fragrant foliage, soft and whitish. Wild garden or border. Prop. by division. Moist soil. Eastern U. S. A.	1-3 ft. Sun	Late July to late Aug.
"Pink" 29 lighter	SAXIFRAGE- LIKE TUNICA	*Tunica saxifraga	See page 233.		June, July



BROAD-LEAVED ACANTHUS, *Acanthus mollis* var. *latifolius*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" near 45	PINK LONG-LEAVED SPEEDWELL	<i>Verónica longifolia</i> var. <i>rosea</i>	See page 233.		June, July
"Pink" 29 light	PINK SPIKE-FLOWERED SPEEDWELL	* <i>Verónica spicata</i> var. <i>rosea</i>	See page 233.		"
"Purple"	BROAD-LEAVED ACANTHUS	** <i>Acánthus mollis</i> var. <i>latifolius</i> <i>A. latifolius</i> , <i>A. Lusitánicus</i>	A large and hardy variety. Flowers in loose spikes which rise above the large and striking foliage. Protect in winter. Effective for border or rock-garden. Prop. by seed and division in spring and fall. Light soil. S. Europe. See Plate, page 335.	4 ft. <i>Sun</i>	July, Aug.
"Deep purple" 49 darker	WILD MONKS-HOOD	** <i>Aconitum uncinatum</i>	See page 233 and Plate, page 336.		Mid. June to Sept.
"Purple" 47	GLAND BELL-FLOWER	* <i>Adenóphora Lamárckii</i>	See page 234.		June to Sept.
"Lilac" 26 purpler	LARGE-FLOWERED LEBANON CANDYTUFT	* <i>Æthionema grandiflorum</i>	See page 127.		May to Aug.
"Purple"	JAPANESE STAR GRASS	<i>Áletris</i> <i>Japónica</i>	Small flowers in spikes on slender stems which rise much above the glossy clump of grass-like foliage. Prop. by seed and division. Rather moist soil is preferable. Japan.	2-3 ft. <i>Sun</i>	July, Aug.
"Pale purple" near 53	LARGE-LEAVED ANEMONOPSIS	* <i>Anemonópsis macrophýlla</i> <i>A. Califórnicá</i>	Similar to <i>Anemone Japonica</i> , but smaller. Nodding half-closed flowers, pale purple or lilac, in loose racemes. Border. Prop. by seed or division in early spring or late autumn. Rich soil, deep and well-drained. Japan.	2-3 ft. <i>Half shade</i>	July
"Violet" 47	RUSH ASTER	* <i>Áster júnceus</i>	Slender plant with slightly branched stems. Flowers in panicles, varying to nearly white. Good for planting along the margins of ponds or in any moist place. Prop. by seed and division. Eastern U. S. A.	1-3 ft. <i>Sun</i>	July to early Sept.
"Violet" bet. 46 & 47	SAVORY-LEAVED ASTER	* <i>Áster linariifolius</i> <i>Diplopappus linariifolius</i>	A neat tufted plant with very showy flowers. Very desirable for naturalizing in wild garden, planted in high dry position in any light soil. Eastern U. S. A.	6-20 in. <i>Sun</i>	July to Oct.
"Pale violet" 50 lighter	ARROW-LEAVED ASTER	<i>Áster sagittifolius</i>	An erect plant with hairy leaves. The flowers are showy and pleasing. Naturalize in wild garden in any ordinary soil. N. Amer.	2-3 ft. <i>Sun</i>	July, Aug.
"Pinkish lavender" 43 pinker	BROAD-SCALED BOLTONIA	** <i>Boltônia latisquâma</i>	A delightful plant resembling the Aster, but of more feathery effect with larger flowers than <i>B. asteroides</i> . Profuse bloomer, good for cutting. Attractive in rough places and in the border. Prop. by division. Kans.; Mo.	4 ft. <i>Sun</i>	Late July to Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 47 dull	LARGE SELF-HEAL	<i>Brunella grandiflora</i> <i>B. Pyrenaica</i>	See page 234.		June. July
"Lilac purple" 23 dull	TOM THUMB CALAMINT	<i>Calamintha glabella</i>	See page 237.		"
"Pale purple" 44	CUT- LEAVED CALIMERIS	* <i>Calimeris incisa</i> <i>Aster i.</i> , <i>Boltonia i.</i>	Aster-like flowers with yellow centres. Erect habit like our native Boltonias. Good in border. Fairly rich soil. Siberia	1-2 ft. Sun	July, Aug.
"Violet" 47 shading darker	CARPA- THIAN HAIRBELL	** <i>Campánula Carpatica</i>	See page 237.		Late June to late Aug.
"Lilac" 44 bluer & deeper	BRITTLE HAIRBELL	* <i>Campánula fragilis</i> <i>C. Barrelierii</i>	Plant of trailing habit. Starry flowers of a delicate blue or lilac, white in the centre, solitary or two together. Pretty in border or rock-garden. Protect slightly in winter. Prop. by cuttings in spring. Rich loam, well-drained. S. Italy.	4-6 in. Sun	July
"Pale blue violet" 44 deep	GARGANO HAIRBELL	* <i>Campánula Garganica</i>	See page 128.		May to Sept.
"Purple" 48	DANE'S BLOOD, CLUSTERED BELL- FLOWER	** <i>Campánula glomerata</i>	See page 237.		June, July
"Deep purple" 48	LARGE- BLOSSOMED BELL- FLOWER	** <i>Campánula latifolia</i> var. <i>macrantha</i> <i>C. macrantha</i>	See page 238.		Early June to Aug.
"Violet" 47 shading darker	PEACH- LEAVED BELL- FLOWER, PEACH BELLS	** <i>Campánula persicifolia</i>	See page 238.		Early June to mid. July
"Purple" 39 & 47	RAINER'S BELL- FLOWER	* <i>Campánula Rainerii</i>	See page 238.		Mid. June to late July
"Violet" 47 lighter or darker	CREEPING OR EUROPEAN BELL- FLOWER	* <i>Campánula rapunculoides</i>	Common in old gardens and spread to roadsides. Long spikes of drooping funnel-form flowers. A continuous bloomer if cut. Foliage good. Extremely pretty to naturalize or for the border. Prop. by seed, division or cuttings. Rich loam well drained. Europe; Siberia; naturalized in Eastern U. S. A.	2-4 ft. Sun or shade	July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Violet" 47 shading to 49	ENGLISH HAIRBELL, BLUE BELLS OF SCOTLAND	** <i>Campánula rotundifolia</i>	See page 238		June to late Aug.
"Light purple" 48	COVENTRY BELLS, BLUE FOXGLOVE	* <i>Campánula Trachelium C. uticifolia</i>	A common and very hardy species. Sturdy hairy plant with racemes of bell-shaped somewhat drooping flowers bearded within, in clusters of two or three. Rough leaves. Apt to crowd out other species but is a good border plant. Prop. by seed, division or cuttings. Rich well-drained loam. Europe	2-3 ft. Sun or half shade	Mid. July to mid. Aug.
"Violet" 40	VAN HOUTTE'S BELL-FLOWER	** <i>Campánula Van Houttei</i>	See page 238.		Early June to mid. July
"Violet" 47	BLUE SUCCORY, BLUE CUPIDONE	* <i>Catananche cærulea</i>	See page 239.		June to Sept.
"Purple" 46 shading to 39	MOUNTAIN BLUET OR KNAPWEED	** <i>Centaurèa montana</i>	See page 239.		"
"Purplish" effect 43	RAM'S HEAD LADY'S SLIPPER	* <i>Cypripedium arietinum</i>	See page 131		Late May to Aug.
"Purplish"	DAHLIA	** <i>Dahlia</i> vars.	See color "various," page 359.		July to late Oct.
"Deep purple" 49 deep	KASHMIR LARKSPUR	* <i>Delphinium Cashmerianum</i>	See page 239.		June, July
"Lilac" 43 darker	FRINGED PINK	* <i>Diáanthus superbis</i>	Solitary fragrant flowers with fringed petals. Small bright green leaves. Attractive in border or rock-garden. Prop. best by division Rich soil. Europe; Japan.	1-2 ft. Sun	July, early Aug.
"Light purple" bet. 43 & 44	VERY ROUGH ERIGERON	* <i>Erigeron glabellus</i> var. <i>asper</i>	See page 239		Early June to mid. July
"Purplish lilac" 47 lighter	SHOWY FLEABANE	** <i>Erigeron speciosus Stenactis speciosa</i>	See page 240		June, July
"Light purple"	GLANDULAR STORK'S OR HERON'S BILL	<i>Eròdium macradenium E. glandulosum</i>	See page 240		June to Sept.
"Purplish"	MANES-CAUT'S STORK'S OR HERON'S BILL	<i>Eròdium Manescavi</i>	See page 240		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pale lilac" 50	FORTUNE'S DAY OR PLANTAIN LILY	* <i>Fúnkia</i> <i>Fórtunei</i>	Funnel-shaped flowers in racemes well above the gray-green leathery foliage. Effective for margin of border or shrubbery. Prop. by division; sometimes by seed just ripe. Rich soil. Japan.	1-2 ft. <i>Half shade best</i>	July
"Pale lilac" 47 pale	LANCE-LEAVED DAY OR PLANTAIN LILY	** <i>Fúnkia</i> <i>lancifolia</i> <i>F. Japónica</i>	Tubular flowers in loose racemes rising above the clumps of foliage. Excellent in the border or the margin of shrubbery. Prop. by division; sometimes by seed just ripe. Rich soil. Japan. *Var. <i>albo-marginata</i> , ( <i>F. albo-marginata</i> ); variegated foliage. Hort. Var. <i>undulata</i> ; ( <i>F. undulata</i> ), variegated and wavy margined leaves. Hort. These variegated vars. are not so good as the type.	1-2 ft. <i>Half shade best</i>	Late July to early Sept.
"Lavender" 45 bluer	OVAL-LEAVED DAY OR PLANTAIN LILY	* <i>Fúnkia</i> <i>ovata</i> <i>F. cœrulea</i> , <i>F. lanceolata</i>	See page 240.		June, early July
"Pale lilac" 43 lighter	SIEBOLD'S DAY OR PLANTAIN LILY	* <i>Fúnkia</i> <i>Sieboldiana</i> <i>F. cucullata</i> , <i>F. gigantea</i> , <i>F. glauca</i> , <i>F. Sieboldii</i> , <i>F. Sinensis</i>	See page 240		June, July
"Lilac purple" 43	GOAT'S RUE	* <i>Galèga</i> <i>officinalis</i>	See page 240.		June to Sept.
"Purple" bet. 39 & 47	HILL-LOVING CRANES-BILL	<i>Geranium</i> <i>collinum</i> <i>G. Londessi</i>	See page 241		June, July
"Purple" 42	WALLICH'S CRANES-BILL	<i>Geranium</i> <i>Wallichianum</i>	See page 241.		June to Sept.
"Purple" 40 to 47	ROCKET, SWEET ROCKET, DAME OR DAMASK VIOLET	* <i>Hesperis</i> <i>matronalis</i>	See page 241.		June, July
"Bluish purple" 49	HYSSOP	* <i>Hýssopus</i> <i>officinalis</i>	See page 241.		Mid. June to mid. Aug.
"Violet purple" 49	ENGLISH IRIS	** <i>Íris</i> <i>xiphoides</i> <i>I. Anglica</i>	See page 242		Late June, July
"Purple" 45	VARIEGATED NETTLE	<i>Lamium</i> <i>maculatum</i> <i>L. purpureum</i> (Hort.)	See page 136.		Mid. May to late July



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" near 37 & 40	BLACK PEA OR BITTER VETCH	<i>Lathyrus niger</i> <i>Orobanch niger</i>	See page 242.		June, July
"Violet" bet. 47 & 49	TRUE LAVENDER	<i>Lavandula vera</i>	Fragrant grayish sub-shrub. Flowers occasionally white, in spikes. An old garden favorite, used for oil of lavender. Slight protection needed. Flowers if dried will long retain fragrance. Prop. by young wood cuttings. Light rich open soil. S. Europe.	1-3 ft. Sun	Mid. July to Sept.
"Purple" 39 bright & clear	HANDSOME BLAZING STAR	* <i>Liättris elegans</i> <i>Lacinària elegans</i>	Bright flowers in dense slender spikes; buds deeper, color no. 40. Narrow leaves. Striking in border or margin of shrubbery against background. Protect slightly in winter. Prop. by fall-sown seed, division or offsets. Rich or poor soil. Southern U. S. A.	2-3 ft. Sun or half shade	Early July to mid. Aug.
"Purple" near 46	LOOSE-FLOWERED BUTTON SNAKEROOT	* <i>Liättris graminifolia</i> <i>Lacinària graminifolia</i>	Flowers rise in long spikes above narrow leaves. Good in border or wild garden. Prop. by fall-sown seed or offsets. Rich or poor soil. S. Eastern U. S. A.	2-3 ft. Sun or half shade	July, to Oct.
"Deep purple" near 46	DENSE BUTTON SNAKE-ROOT, GAY FEATHER	** <i>Liättris spicata</i> <i>Lacinària spicata</i>	Handsome neat species. Flowers, small, in close spikes on unbranched erect stems. Foliage slender. Plant in masses in the border against good background. Prop. by seed and division. Light rich soil is best. Eastern U. S. A. *Var. <i>montana</i> ( <i>L. pumila</i> ); lower-growing, 1-1 ½ ft. high, leaves broader, flower spike shorter. Mts., N. C. and Va.	2-5 ft. Sun or half shade	Mid. July to early Sept.
"Lilac" 47 light	KENIL-WORTH IVY, MOTHER OF THOUSANDS	<i>Linària Cymbalària</i>	See page 242.		June to Sept.
"Bluish purple" 44 duller	HIMALAYAN LUNGWORT	* <i>Lindelöfia spectabilis</i>	Showy plant. Pendent clusters of tubular flowers tinged with purple or pink. Sheltered places in the border. Prop. by seed and division. Any well-drained soil. N. India.	1-1 ½ ft. Sun	Early July to early Aug.
"Purple" bet. 47 & 48	TALL BLUE-FLOWERED PERENNIAL LUPINE	** <i>Lupinus polyphyllus</i> <i>L. grandiflorus</i>	See page 242.		June, July
"Purple" near 29 duller	SLENDER-BRANCHED PURPLE LOOSE-STRIPE	<i>Lýthrum virgatum</i>	See page 245.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Light purple" 44	REQUIEN'S PENNY-ROYAL	<i>Méntha Requieni</i>	Tiny creeping plant. Flowers in scanty whorls. Small leaves. Rock-garden or carpeting for rose-beds. Protect slightly in winter. Prop. by running root-stock. Prefers moist soil. Corsica.	2-3 in. Sun	July, Aug.
"Purplish" 39	SPEARMINT	<i>Méntha spicata</i> <i>M. viridis</i>	Flowers in slender spikes. Foliage with attractive taste and fragrance. Used for flavoring. Any ordinary soil. Naturalized from Europe; Asia.	1-2 ft. Sun	"
"Purple" 37 or 41	WILD BERGAMOT	* <i>Monárda fistulòsa</i>	Striking plant of somewhat rough habit. Large showy open flowers purple in the type with vars. ranging from white to purple. Effective in masses and for naturalization. Prop. by division. Any soil. N. Amer. Var. <i>media</i> ; ( <i>M. media</i> , <i>M. purpurea</i> ), (color no. 42 lighter or 55). Good var. Flowers deep purple. Hort.	1½-3½ ft. Sun	July
"Violet" 47 tinged with 46	MUSSIN'S CATMINT	<i>Népeta Mussini</i> <i>N. longifolia</i>	Branching plant with rather weak stems, but its many flowers make a pretty color effect in a roomy border. Prop. by seed or division. Any light garden soil. Caucasus; Persia.	2 ft. Sun	July, Aug.
"Purple" 47 deep	SCOTCH THISTLE	<i>Onopórdon Acánthium</i>	Vigorous biennial plant of bold habit. Showy flowers about 2 in. wide. Foliage large, silvery and prickly. Effective against dark shrubs. Seeds itself freely. Prop. by seed. Europe.	5-9 ft. Sun	"
"Lilac" 43	SNAKE'S-BEARD	<i>Ophiopògon Jabùran</i>	Similar in habit to <i>O. Japonicus</i> but more vigorous. Flowers varying to white in dense racemes. Leathery grass-like leaves. Protect in winter. Sheltered position. Prop. in spring by division. Sandy soil. Japan. Var. <i>variegatus</i> , variegated foliage. Japan.	6-24 in. Sun or half shade	"
"Pale lilac" 43	GIANT BELL-FLOWER	* <i>Ostròwskia magnífica</i>	Very large bell-shaped flowers, 3-6 in a cluster, borne on stems which branch only above, thus forming with the whorls of foliage very handsome clumps. Mulch in winter. Prop. by seed or by cuttings of the root or young growths in spring. Well-worked and drained sandy soil. Turkestan.	4-5 ft. Sun	"
"Violet" 44 pinker	SHARP-LEAVED BEARD-TONGUE	* <i>Pentstèmon acuminàtus</i>	See page 245.		June, early July
"Light purple" 47	DIFFUSE PENTSTEMON OR BEARD-TONGUE	** <i>Pentstèmon diffusus</i>	See page 245.		Early June to early July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Lilac purple" 45	SLENDER BEARD-TONGUE	* <i>Pentstemon grácilis</i>	See page 136.		Late May to early July
"Pale violet" 47, edge white	DOWNY PENTSTEMON	* <i>Pentstemon pubescens</i>	See page 136.		Late May to mid. July
"Lavender" 44	ONE-SIDED PENTSTEMON OR BEARD-TONGUE	** <i>Pentstemon secundiflorus</i>	See page 245.		June, July
"Deep violet"	VIOLET PRAIRIE CLOVER	<i>Petalostemon violaceus</i> <i>Kuhnistera purpurea</i>	See page 245.		June until frost
"Lilac," "purple"	PERENNIAL PHLOX	** <i>Phlox paniculata</i> vars. <i>P. decussata</i>	See color "various," page 370.		July to Oct.
"Bluish violet" bet. 46 & 47	BELL-FLOWERED HORNED RAMPION	* <i>Phyteuma campanuloides</i>	Ragged looking flowers in spikes. The largest and strongest growing species of the genus. Well grown clumps suitable for rock-garden. Prop. by seed or division in spring. Any garden soil. Caucasus.	1-2 ft. Sun	July, Aug.
"Purple" near 30 deeper to white	JAPANESE PRIMROSE	** <i>Primula Japonica</i>	See page 139.		Late May to Aug.
"Purple" 44 bluer	ROSEMARY, OLD MAN	* <i>Rosmarinus officinalis</i>	See page 246.		June, July
"Purple" near 49	SYLVAN SAGE	* <i>Salvia sylvestris</i>	Flowers in showy spikes. Oblong leaves. Pretty in the border. Prop. by seed. Any soil. Europe; Asia.	3-3½ ft. Sun	July
"Blue purple" 44 deep	VERVAIN SAGE	<i>Salvia Verbenaca</i> <i>S. spelmiana</i> , <i>S. Spiemannii</i>	See page 246.		June, July
"Bluish purple" near 50	SMALL OR LILAC-FLOWERED SCABIOUS	<i>Scabiosa Columbaria</i>	See page 246.		June to Oct.
"Purple" 49	MOUNTAIN SKULLCAP	* <i>Scutellaria alpina</i>	Charming creeping plant. Ornamental tubular flowers, sometimes with yellow lips, in racemes, form rounded tufts of bloom. Leaves oval. Excellent for edge of border or rock-garden. Prop. by seed and division. Any soil. Europe.	8-10 in. Sun	Early July to late Sept.
"Purple" 43 deep	WIDOW'S CROSS, BEAUTIFUL STONECROP	<i>Sedum pulchellum</i>	See page 246.		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rosy purple" 40	PRETTY GROUNDSEL	* <i>Senecio pulcher</i>	Showy plant. Large rayed flowers with yellow centres on almost leafless stems. Leaves arrow-shaped. Sheltered situation in border. Protect slightly. Prop. by root-cuttings. Any well-drained soil. Uruguay; Buenos Ayres.	2-4 ft. <i>Sun</i>	July, Aug.
"Pinkish purple" 43	CUSHION PINK, MOSS CAMPION	* <i>Silene acaulis</i>	See page 246.		June, July
"Light violet" 44 deep	TORREY'S NIGHT-SHADE	<i>Solanum Torreyi</i>	Plant of erect habit. Few large flowers, 2 in. across, in flat-topped clusters. Bright round yellow berries. Prickly foliage. Border. Prop. by seed or cuttings. Rich loam. Southern U. S. A.	1 ft. <i>Sun</i>	July, Aug.
"Red purple" 41	WOOD BETONY	<i>Stachys Betonica</i> <i>Betonica officinalis</i>	See page 249.		Late June, July
"Violet" often 45	LARGE-FLOWERED WOUND-WORT	* <i>Stachys grandiflora</i> <i>Betonica rosea</i>	See page 249.		Mid. June to late July
"Purple" near 37	WOOLLY WOUND-WORT	<i>Stachys lanata</i>	See page 249.		"
"Dull violet" 47	TALL SEA LAVENDER	<i>Statice elata</i>	Spikes of tiny blossoms form a mound well above a striking tuft of large leaves. Good in rock-garden or border. Prop. in spring by seed or in autumn by division. Loose soil preferable. S. Russia.	2 ft. <i>Sun</i>	Mid. July to early Sept.
"Blue violet" 44	GMELIN'S SEA LAVENDER	* <i>Statice Gmelini</i>	Delicate plant. Numerous flowers in dense erect panicles. Good for cutting. Tufted root-leaves. Pretty in rock-garden or open border. Prop. by seed. Does best in loose soil of good depth. E. Europe.	1-2 ft. <i>Sun</i>	Late July to early Sept.
"Bluish purple" 47	BROAD-LEAVED SEA LAVENDER	** <i>Statice latifolia</i>	Strikingly effective plant. Clouds of tiny flowers in large spreading spikes. Good for cutting. Bold luxuriant foliage, springing from the root. Excellent in border or margin of shrubbery. Prop. by seed in spring. Leave undisturbed. Deep soil. S. Russia.	1 1/2-2 ft. <i>Sun</i>	"
"Purple" near 46	SHOWY SEA LAVENDER	* <i>Statice speciosa</i>	Blue or white flowers in dense spikes crowning numerous branchlets. Grayish foliage. Good in rock-garden or border. Prop. by seed and division. Sandy well-drained deep soil. Siberia.	1 ft. <i>Sun</i>	July

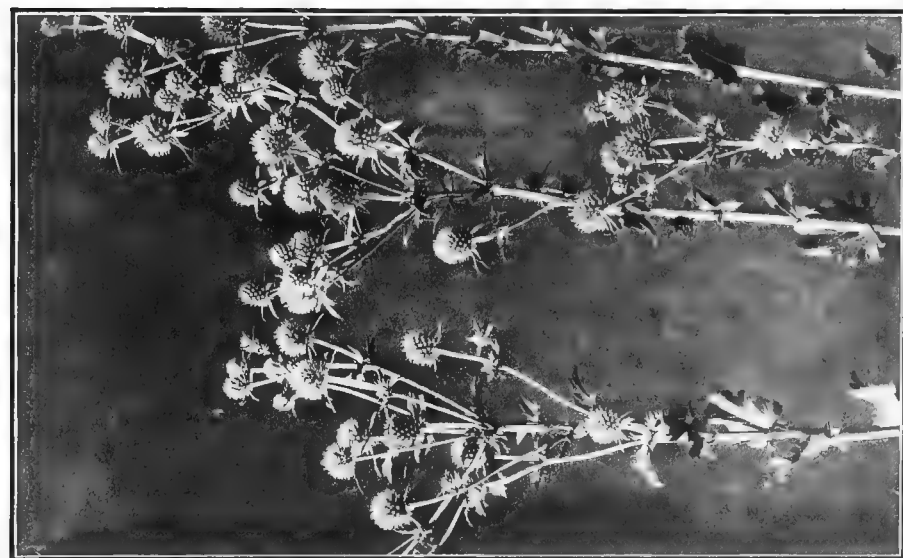
Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 39	WALL GERMAN- DER	<i>Teucrium</i> <i>Chamædrys</i>	Branching plant with clusters of pretty tubular flowers, spotted with red and white. Glossy fragrant foliage, whitish beneath. Border or rocky bank. Prop. by division. Light soil. Europe.	1-2 ft. Sun	Mid. July to mid. Aug.
"Lilac" 43	MOTHER OF THYME, CREEPING THYME	<i>Thymus</i> <i>Serpýllum</i>	See page 249.		Mid. June to mid. Aug.
"Pale lilac" 37	COMMON GARDEN THYME	<i>Thymus</i> <i>vulgaris</i>	See page 249.		June, July
"Pur- plish" 44, 48 or 49	COMMON SPIDER- WORT	* <i>Tradescántia</i> <i>Virginiana</i> <i>T. Virginica</i>	See page 140.		Late May to late Aug.
"Lilac" near 53	LONG- LEAVED SPEEDWELL	** <i>Verónica</i> <i>longifolia</i>	Effective sturdy plant of dense growth. Flowers numerous in tall spike-like racemes. Grayish green foliage. Excellent in the border. Prop. by seed and division. Any good garden soil. Central and E. Europe; N. Asia. * <i>Var. villosa</i> , (color no. 46). An attractive form. Flowers of deeper color and foliage larger and narrower than that of the type. Siberia.	2½ ft. Sun	Mid. July to Aug.
"Violet" 47 or 49	HORNED VIOLET, BEDDING PANSY	** <i>Viola</i> <i>cornuta</i>	See page 48.		Late Apr. until frost
"Deep blue" 56	AUTUMN ACONITE, MONKS- HOOD OR WOLFS- BANE	** <i>Aconitum</i> <i>autumnale</i>	Large drooping helmet-shaped flowers in spikes. Foliage dark green and deeply cut. The roots are poisonous. Very pretty for the border or rock-garden. Prop. by division. Prefers a rich soil. N. China.	3-5 ft. Sun or shade	Mid. July to mid. Sept.
"Blue"	STORK'S PURPLE WOLFBANE	* <i>Aconitum</i> <i>Cammàrum</i> var. <i>Storkianum</i> <i>A. Storkianum</i> , <i>A. intermedium</i>	Dwarf var. of <i>A. Cammarum</i> . Closed helmet-shaped flowers, not very numerous, in spikes. Roots poisonous. Border. Prop. by division. Rich soil preferable. European Alps.	3-4 ft. Sun or shade	July, Aug.
"Deep purple blue" near 49	TRUE MONKS- HOOD, OFFICINAL ACONITE	** <i>Aconitum</i> <i>Napellus</i> <i>A. pyrami- dale</i> , <i>A. Tauricum</i>	Ornamental plant. Large and showy helmet-shaped flowers, growing in racemes on erect stems. Leaves deeply cut. Roots and flowers poisonous. Pretty for borders and rough places. Prop. by division. Rich soil preferable. Europe; Asia; N. Amer.	3-4 ft. Sun or shade	Mid. July to early Sept.
"Blue" 61	GLAND BELL- FLOWER	* <i>Adenóphora</i> <i>communis</i> <i>A. Fischeri</i> , <i>A. liliiflora</i> , <i>A. liliifolia</i>	Rather large drooping bell-shaped flowers in panicles which rise above the leaves. Border. Prop. by seed and cuttings. Rich loam. Temp. Asia; W. Europe.	2-2½ ft. Sun	July to mid. Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of bloom
"Light blue" 61 duller	POTANNINI'S GLAND BELL- FLOWER	* <i>Adenóphora</i> <i>Potannini</i>	Bushy plant. Spikes of nodding bell-shaped flowers, similar to <i>Campanula</i> . Foliage springing mostly from the root. Good for mixed border. Should not be disturbed when established. Prop. by seed and cuttings in spring. Rich loam. Turkestan.	2-3 ft. <i>Sun</i>	July, Aug.
"Sky blue" 51	AZURE ONIONWORT	<i>Allium</i> <i>azúreum</i>	See page 250.		June, July
"Deep blue" 49	LEAD PLANT	* <i>Amórpha</i> <i>canéscens</i>	Beautiful shrub of the Pea family with clustered spikes of flowers. Foliage very hoary and small. Excellent for shrubbery, rock-garden or border. Prop. by seed, cuttings and layers. Well-drained soil. Southern U. S. A.	1-3 ft. <i>Sun</i>	Early July to early Aug.
"Blue" 54	CAPE ALKANET	* <i>Anchúsa</i> <i>Capénsis</i>	See page 142.		Late May to early July
"Blue" 54, buds 41	ITALIAN ALKANET	* <i>Anchúsa</i> <i>Itálica</i>	See page 142.		Late May to mid. July
"Pale blue" 62 lighter	TUFTED HAIRBELL	* <i>Campánula</i> <i>cæspitòsa</i>	See page 145.		May to Aug.
"Pale blue" 46	HAIRY GARGANO HAIRBELL	* <i>Campánula</i> <i>Gargánica</i> var. <i>hirsùta</i>	Tufted trailing plant, hairier than the type. Numerous flowers, shading to white in the centre, in loose racemes on pendent stems. Pretty when hanging over rocky ledges. Prop. by cuttings in spring or by division. Rich well-drained loam. Italy.	3-6 in <i>Half shade</i>	July
"Purplish blue" 46	GREAT BELL- FLOWER	* <i>Campánula</i> <i>latifolia</i>	See page 253.		June to early Aug.
"Purplish blue" 48	CHIMNEY CAMPA- NULA, STEEPLE BELL- FLOWER	** <i>Campánula</i> <i>pyramidàlis</i>	Striking plant. Numerous open bell-shaped flowers close to the stem, in long spikes. Best treated as biennial. Effective in border or in isolated clumps. Protect in winter. Prop. by seed, division or cuttings. Rich loam well-drained. Australia.	4-6 ft. <i>Sun</i>	July Aug.
"Light blue" bet. 46 & 52	SARMATIAN BELL- FLOWER	* <i>Campánula</i> <i>Sarmática</i> <i>C. gummiifera</i>	Masses of velvety nodding light blue flowers in clusters. Gray leaves, wrinkled and hairy. Border. Prop. easily by seed. Rich loam, well-drained. Caucasus.	1-2 ft. <i>Sun</i>	July
"Blue" 53	FRÉMONT'S CLEMATIS	* <i>Clématis</i> <i>Frèmonti</i>	Plant of erect habit. Profusion of flowers which are generally drooping. Pretty in border or rock-garden. Winter mulching desirable. Prop. by seed, cuttings, grafting or layers. Rich deep soil. Western U. S. A.	1-2 ft. <i>Sun</i>	July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 60	UNDIVIDED-LEAVED VIRGIN'S BOWER	* <i>Clématis integrifolia</i>	See page 253.		Mid. June to Aug.
"Blue" 61	MUSK LARKSPUR	* <i>Delphínium Brunoniànum</i>	See page 253.		June, July
"Blue" 62	CAROLINA LARKSPUR	* <i>Delphínium Caroliniànum</i> <i>D. azureum</i> , <i>D. virëscens</i>	Racemes of flowers varying to white. Good for cutting. Second bloom possible if first flowers are cut off. Deeply divided foliage. Attractive in border. Prop. in spring or autumn by seed, division or cuttings; transplant every 3 or 4 years. Deep rich soil, sandy and loamy. U. S. A.	1½-2½ ft. Sun	July
"Blue" 60	CAUCASIAN LARKSPUR	* <i>Delphínium Caucásicum</i>	See page 253.		June, July
"Blue" 61	BEE LARKSPUR	** <i>Delphínium elàtum</i> <i>D. alpinum</i> , <i>D. pyramidàle</i>	See page 253.		June to Sept.
"Blue" usually 54	ORIENTAL LARKSPUR	** <i>Delphínium formòsum</i>	See page 253.		June, July
"Blue" 62	GREAT-FLOWERED LARKSPUR	** <i>Delphínium grandiflòrum</i> <i>D. Sinëse</i>	Beautiful compact racemes of large flowers good for cutting. Deeply divided foliage. Very attractive in border. Prop. in spring or autumn by seed, division or cuttings. Deep rich soil, sandy and loamy. Siberia. Var. <i>flore-pleno</i> , (var. <i>hybridum flore-pleno</i> ); double flowered. Hort.	1-2 ft. Sun	July, Aug.
"Blue" 62 or 54	HYBRID LARKSPUR	** <i>Delphínium hybridum</i>	See page 254.		June, July
"Blue" 54 & 47	MAACK'S LARKSPUR	* <i>Delphínium Maackiànum</i>	Flowers blue and deep violet in loose panicles. Divided foliage. If the plant is cut back it will flower again. Effective in the border. Prop. by seed, division or cuttings. A friable or sandy soil, well enriched. Siberia.	3 ft. Sun or half shade	July
"Deep blue" effect 46	LARGE-FLOWERED DRAGON'S-HEAD	* <i>Dracocéphalum grandiflòrum</i> <i>D. Altaiëse</i>	See page 254.		June, July
"Blue" 46	RUYSCH'S DRAGON'S-HEAD	* <i>Dracocéphalum Ruyschiàna</i>	Belongs to the Sage family. Flowers in whorls. Foliage lance-shaped. Neat border plant, also good for rock-garden. Prop. by seed and division. Rich sandy loam. Enjoys moisture. Siberia.	2 ft. Half shade	July
"Blue" 50 & cream	LOFTY GLOBE THISTLE	* <i>Echinops exaltàtus</i>	Coarse thistle-like biennial differing from other species in its erect stem. Simple flowers in globe-shaped heads. Handsomely cut foliage and silvery stems. Good to naturalize and to plant among shrubs. Prop. by division or cuttings. Any soil. Russia.	5-7 ft. Sun	July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Steel blue" 53 colder	RITRO GLOBE THISTLE	**Echinops Ritro	Curious plant somewhat resembling a Thistle with flowers in globe-shaped heads and silvery and bluish foliage spiny and downy. Effective in wild garden or among shrubs, also with other bold plants in the border. Prop. by seed and division. Ordinary soil. S. Europe. See Plate, page 349. **Var. <i>tenuifolius</i> , ( <i>E. Ruthemcus</i> ); (color no. 53 to 56), the best Globe Thistle. S. Russia.	2-3 ft. Sun	July, Aug.
"Pale blue" 52 greenish	ROUND-HEADED GLOBE THISTLE	*Echinops sphærocéphalus	A fine tall species. Woolly thistle-like plant. Flowers in globe-shaped heads, sometimes white, on white stems. Handsome silvery spiny foliage. Plant in wild garden and shrubbery with Bocconias, Eryngiums, etc., or naturalize. Prop. by division and cuttings. Ordinary soil. Europe.	5-7 ft. Sun	"
"Bright blue" 53	ALPINE SEA HOLLY	*Eryngium alpinum	Odd thistle-like plant. Especially decorative from its steel blue stems and involucre. One of the most beautiful of the genus. Oblong flower-heads, 3 in. across, from spreading blue involucre. Leathery spiny leaves. Excellent for subtropical effect and in the border. Prop. by seed and division. Light soil preferable. Pastures, Swiss Alps. See page 254 and Plate, page 349.	1½-3 ft. Sun	"
"Amethyst blue" 63 lighter	AMETHYST SEA HOLLY	**Eryngium amethystinum			June to early Sept.
"Blue" 63	BOURGAT'S ERYNGO	*Eryngium Bourgati	Bluish foliage decorative and pungent. Oval flower-heads with large involucre. Spiny leaves deeply divided. Pretty in the border or massed in rock-garden. Prop. by seed and division. Soil, light and sandy. Pyrenees.	1-2 ft. Sun	Mid. July to early Sept.
"Blue" 63 lighter	DANEWEED, HUNDRED THISTLE	Eryngium campêtre	Foliage ornamental and peculiar. Roundish flower-heads in panicles. Deeply divided spiny leaves. Pretty for subtropical effect in the border. Prop. by seed and division. Light sandy soil. Europe.	1-2 ft. Sun	"
"Blue"	FLAT-LEAVED ERYNGO	**Eryngium planum	Roundish flower-heads on steel blue stems. Large spiny thistle-like leaves, divided or whole. Excellent for subtropical effect in the border. Prop. by seed and division. Soil light and sandy. E. Europe; N. Asia.	1-3 ft. Sun	July, Aug.
"Purple blue" 46	ORIENTAL GOAT'S RUE	*Galèga orientalis	Graceful free-growing shrubby plant. Pea-shaped blossoms in dense racemes. Good for cutting. Wild garden. Prop. by seed and division. Any soil, preferably rich loam. Caucasus.	2-4 ft. Sun	July





RITRO GLOBE THISTLE. *Echinops Ritro*.



AMETHYST SEA HOLLY. *Eryngium amethystinum*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep blue" 59 lighter	WILLOW GENTIAN	* <i>Gentiana asclepiadæa</i>	Flowers in racemes covering nearly the whole length of the stems. Border or rock-garden. Prop. by division or very slowly by seed. Leave undisturbed. Rich moist soil. S. Europe.	6-18 in. Half shade or shade	July to early Sept.
"Violet" blue" 46 light	IBERIAN CRANES-BILL	<i>Geranium Ibericum</i>	See page 254.		June to Sept.
"Dark blue"	DUSKY-FLOWERED CRANES-BILL, MOURNING WIDOW	<i>Geranium phæum</i>	See page 254.		Early June to mid. July
"Blue" 46 bluer	MEADOW CRANES-BILL	* <i>Geranium pratense</i>	See page 257.		June to Sept.
"Light blue" 52 deep & dull	HAIR-FLOWERED GLOBE DAISY	* <i>Globularia tricosantha</i>	See page 146.		Late May to Aug.
"Blue" 53	GLOBE DAISY	* <i>Globularia vulgaris</i>	See page 257.		June to Sept.
"Blue"	EASTERN SIBERIAN IRIS	** <i>Iris Sibirica</i> var. <i>orientalis</i> <i>I. S. var. sanguinea</i> , <i>I. S. var. hamatophylla</i> , <i>I. b.</i> , <i>I. s.</i>	See page 257.		June, early July
"Light blue" 52 dull	SHEP-HERD'S OR SHEEP SCABIOUS, SHEEP'S BIT	* <i>Jasione perennis</i>	Plant of compact habit. Globe-shaped flowers in profusion. Foliage in tufts. Border, rock-garden or as edging. Easily cultivated. Prop. by seed and division. Any well-drained garden soil. Mts., Central and S. Europe.	1 ft. <i>Sun or half shade</i>	Early July to early Aug.
"Blue" 61	AUSTRIAN FLAX	* <i>Linum Austriacum</i> <i>L. perenne</i> var. <i>A.</i>	See page 258.		June to Sept.
"Blue" 54 lighter	PERENNIAL FLAX	** <i>Linum perenne</i>	See page 149.		Mid. May to Aug.
"Blue" 62 greener	NOOTKA LUPINE	* <i>Lupinus Nootkatensis</i>	See page 150.		Late May to early July
"Light blue" bet. 47 & 52	COMMON WILD LUPINE	* <i>Lupinus perennis</i>	See page 258.		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 57	EVER-FLOWERING FORGET-ME-NOT	* <i>Myosotis palustris</i> var. <i>sempérflorens</i>	See page 153.		May to Sept.
"Blue" 53	LARGE-FLOWERED CATMINT	<i>Népeta Macránta</i>	See page 261.		Late June to early Sept.
"Purplish blue" 46	LARGE SMOOTH BEARD-TONGUE	* <i>Pentstémon gláber</i> <i>P. Górdoni</i> , <i>P. speciósus</i>	See page 261 and Plate, page 350.		June, early July
"Lilac blue" 46	LARGE-FLOWERED BEARD-TONGUE	<i>Pentstémon grandiflórus</i>	See page 261.		Early June to early July
"Purplish blue" 46 & 41	SHOWY PENTSTEMON OR BEARD-TONGUE	** <i>Pentstémon spectábilis</i>	See page 261.		Early June to mid. July
"Purplish blue" 46 dull	MICHELIS HORNED RAMPION	* <i>Phyteúma Michélii</i>	See page 261.		Late June, July
"Blue" often 56	BALLOON FLOWER, JAPANESE BELL-FLOWER	** <i>Platycódon grandiflórum</i> <i>Campánula grandiflóra</i> , <i>Wahlenbérgeria grandiflóra</i>	A shrubby plant with large showy open bell-shaped flowers, 2-3 in. across, very numerous at the summit of erect leafy stalk. Very attractive for the border or rock-garden. There are white and variegated vars. Prop. in the spring by seed or early division. Well-drained loamy soil. China; Japan. Var. <i>flore-pleno</i> ; double form, July and August. Var. <i>Japonicum</i> , ( <i>P. Japonicum</i> ); more numerous flowers and more bushy habit. Var. <i>Mariesii</i> ; (color no. 49, 53 or 56 and white), denser. Stronger habit than the type, about 1 ft. high; flowers equally large, purple, lavender, blue or white. Japan.	1-3 ft. <i>Sun or shade</i>	Early July to Oct.
"Pale blue" 52	DWARF JACOB'S LADDER	** <i>Polemónium humile</i> <i>P. Richardsonii</i>	See page 261.		June, July
"Azure blue"	HIMALAYAN VALERIAN	* <i>Polemónium réptans</i> var. <i>Himalayanum</i> <i>P. grandiflórum</i> , <i>P. carúleum</i> var. <i>g.</i>	See page 261.		Late May to early July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 47	<b>HAIRY RUELLIA</b>	<i>Ruellia ciliōsa</i>	Hairy or downy plant sometimes erect, sometimes straggling. Flowers 1-2 in. long, single or in clusters. Good for wild garden. Prop. by seed and division. Light soil. U. S. A.	1½ ft. <i>Sun</i>	Early July to late Aug.
"Blue" 46 lighter	<b>MEALY SAGE</b>	* <i>Sálvia farinácea</i>	Dense growing flowers of two distinct shades, branching out from the stalks in pairs forming elongated whorls. Pretty in border. Protect in winter. Prop. by seed, flowering early the first season. Any soil. Texas.	2-3 ft. <i>Sun</i>	July, Aug.
"Deep violet blue" near 47	<b>MEADOW SAGE</b>	** <i>Sálvia pratēnsis</i>	See page 262.		June, early July
"Blue" 53 light	<b>PINCUSHION FLOWER</b>	** <i>Scabiōsa Caucásica</i>	See page 262.		June, July
"Pale blue" often bet. 43 & 44	<b>GRASS-LEAVED SCABIOUS</b>	* <i>Scabiōsa graminifolia</i>	See page 262.		June to Oct.
"Bluish" near 39 paler	<b>WOODLAND SCABIOUS</b>	* <i>Scabiōsa sylvática</i>	See page 262.		Early June to late Sept.
"Purplish blue" near 49	<b>BAICAL'S SKULLCAP</b>	* <i>Scutellaria Baicalēnsis</i> <i>S. macrántba</i>	Alpine plant of neat half-erect habit, with an abundance of velvety flowers in long racemes. Desirable for rock-garden or border. Prop. by division. Siberia.	9-12 in. <i>Sun</i>	July, Aug.
"Deep blue" 46	<b>COMMON SEA LAVENDER, MARSH ROSEMARY</b>	** <i>Státice Limōnium</i> <i>S. marítima</i>	An effective plant bearing clusters of tiny flowers in numerous spikelets. Large leathery leaves spring from the root. Excellent in rock-garden and border and for cutting. Prop. by seed and division. Deep rich soil. Europe; N. Africa.	1½ ft. <i>Sun</i>	"
"Blue" 50	<b>MARSH FELWORT</b>	<i>Swértia perénis</i>	Small star-like flowers varying to white, in spikes well above the low tuft of leaves. Bog or rock-garden. Prop. by seed and division. Moist soil. Europe; Asia; N. Western U. S. A.	6-12 in. <i>Shade</i>	July
"Blue" 32, turns 61	<b>PRICKLY COMFREY</b>	<i>Sýmphytum aspérimum</i>	See page 154.		Late May to mid. July
"Blue" 53	<b>AUSTRIAN SPEEDWELL</b>	* <i>Verónica Austriaca</i>	Plant of erect vigorous habit. Flowers in showy racemes. Pretty in border. Any good garden soil. Prop. by seed and division. S. Eastern Europe; Asia.	1½-2 ft. <i>Sun</i>	Early July to early Aug.
"Blue" 46	<b>HOARY SPEEDWELL</b>	** <i>Verónica incána</i> <i>V. cándida</i> , <i>V. neglecta</i>	See page 262.		Mid. June to late July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Light blue" 50	COMMON SPEEDWELL	Verónica officinalis	See page 154.		May to Aug.
"Bright blue" 61 duller	SPIKE-FLOWERED SPEEDWELL	**Verónica spicata	See page 262.		Early June, July
"Blue" near 47	BROAD-LEAVED HUNGARIAN SPEEDWELL	Verónicum Teucrium var. latifolia	See page 263.		June, July
Parti-colored	FRENCH OR CROZY CANNA	**Cánna vars.	See color "various," page 357		July to late Sept.
Parti-colored	ITALIAN CANNA	**Cánna vars.	See color "various," page 358.		"
Parti-colored	DAHLIA	**Dáhlia vars.	See color "various," page 359.		July to late Oct.
6 shading from 19 to 14	GREAT-FLOWERED GAILLARDIA	**Gaillardia aristata <i>G. grandiflora</i>	See page 263.		June to Nov.
Parti-colored	SWORD LILY	**Gladiolus vars.	See color "various," page 365.		July to Oct.
Outside 27 deeper	BROWN'S LILY	**Lilium Browni <i>L. Japonicum</i> var. <i>Brownii</i>	Hardy and vigorous species recommended to beginners. A beautiful Lily with 2 fragrant partly drooping trumpet-shaped flowers with recurved petals, 7-8 in. long, white within and violet-purple without. Deep green foliage. Excellent in border or among low shrubs. Lift and replant every few years. Bulbous. Prop. by offsets or scales. Rich well-drained peaty soil. Avoid direct contact with manure. Japan. See Plate, page 355.	3-4 ft. Half shade	July, Aug.
44 & 11	ALPINE TOAD-FLAX	Linària alpina	Dense spreading plant forming a silvery tuft, covered with small snapdragon-like flowers of violet with orange on the lower lip. Pretty for rock-garden. Prop. by seed and division. Of easy culture in any light soil. Alps.	4-6 in. Sun	"
Parti-colored	DOUBLE HYBRID CINQUE-FOIL	*Potentilla hybrida vars.	See page 263.		June, July
Various often 21	LONG-LEAVED BEAR'S BREECH	*Acánthus longifolius	See page 264.		"
Various	BEAR'S BREECH, CUTBER-DILL SEDOCKE	**Acánthus mollis	Flowers, white to purple, in loose spikes. Grown for the large shapely foliage in clump at base of plant. Ornamental for border and rock-garden. Prop. by seed and division. Light well-drained soil. S. Europe.	3 ft. Sun	July, Aug.



BROWN'S LILY. *Lilium Browni*.





Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	<b>VERY PRICKLY BEAR'S BREECH</b>	<b>**Acánthus spinosissimus</b>	Flowers, white to purple, in loose spikes. Scanty dark green and prickly foliage. Protect in winter. Effective for border and rock-garden. Prop. by seed, or division in spring or autumn. Light soil well-drained and rich. S. Europe.	3-4 ft. <i>Sun</i>	July, Aug.
Various	<b>PRICKLY BEAR'S BREECH</b>	<b>**Acánthus spinosus</b>	Flowers, white to purple, in compact spikes. Deeply-cut prickly leaves. See <i>A. spinosissimus</i> . S. Europe.	3-4 ft. <i>Sun</i>	"
2, 34, 35, 22, 27, white, etc.	<b>HOLLY-HOCK</b>	<b>**Althæa rosea</b>	A well known and stately biennial. Large flowers, white, pale yellow, pink, or red, in long spikes which require staking. Foliage mostly in a clump at base of plant. Deep cultivation, much manuring, and watering in dry weather ensure the best results. Subject to fungus disease; Bordeaux mixture should be used in the earliest stages. Cover with manure in winter. There is no plant more effective in rows against houses and garden walls or in clumps at back of border. Prop. by seed, eyes, cuttings or division. Rich loam well drained. China. See Plate, page 356.	5-8 ft. <i>Sun</i>	"
Usually 21 or 2	<b>WILD GINGER, CANADA SNAKEROOT</b>	<b>Asarum Canadense</b>	See page 264.		Late June to early Aug.
36, 39, 47, 48, 43,45,etc.	<b>CANTERBURY BELLS</b>	<b>**Campánula Medium</b>	See page 264.		Late June, July
48, or white spotted with 45	<b>NOBLE BELL-FLOWER</b>	<b>**Campánula nobilis</b>	See page 264.		Mid. June to Aug.
Various	<b>FRENCH OR CROZY CANNA</b>	<b>**Cánna vars.</b>	A large-flowered group. Vigorous plants of dwarf compact growth, with large spikes of brilliant flowers, continue in bloom, sometimes from the last of June if started indoors. Foliage in many shades of color and of tropical effect in groups and masses. Plant bulb in spring when danger of frost is over. When the foliage withers dig up the bulb, dry in open air, and store in dry cellar. Prop. by division of rootstock. Light soil, rich, deep and moist. The following are some of the best vars.: <b>Red vars.</b> — <i>Admiral Dewey</i> or <i>Tarrytown</i> ; (color no. bet. 11 & 12 deeper), beautiful for bedding; large spikes of deep red flowers, green foliage. <i>Antoine Crozy</i> ; (color nos. 18 brilliant	1 ½-4 ft. <i>Sun</i>	July to late Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	ITALIAN CANNA	**Cánna vars.	<p>&amp; 5), flowers rich carmine, leaves green. <i>President McKinley</i>; flaming crimson scarlet; large spikes. <i>President Cleveland</i>; (color no. 19 more orange), beautiful crimson. <i>Sir Thomas Lipton</i>; very large flower spikes; rich crimson.</p> <p><b>Parti-colored vars.</b>—<i>Charles Henderson</i>; (color no. 18 redder), crimson and gold flowers. <i>E. G. Hill</i>; (color no. 17 brilliant), "scarlet mottled with carmine." <i>Florence Vaughan</i>; yellow flowers beautifully spotted; very desirable. <i>Madame Crozy</i>; (color nos. 18 &amp; 5), brilliant crimson-scarlet margined with golden yellow. <i>Queen Charlotte</i>; (color nos. 18 duller &amp; pinker &amp; 5), scarlet, edged with yellow. <i>Roslindale</i>; (color no. 5 &amp; center 12), large spikes of golden flowers variegated with carmine. Very desirable. <i>Souvenir Antoine Crozy</i>; (color no. 17 slightly redder), large flowers, vermillion margined with deep golden yellow, very effective. <i>Yellow Bird</i>; (color no. 6 light), deep yellow, lower petals slightly mottled; profuse bloomer.</p> <p>Vigorous tropical foliage plant, unbranched, taller than the French Canna and having longer bloom. Short-lived flowers in irregular racemes terminating stout stalks. Occasionally begins to blossom in June if started indoors. Largely grown for its handsome foliage. Plant in formal garden or group among shrubs. After frost dig up the roots and replant in spring, when there is no longer danger of excessive cold. Prop. by division of root stock. Light rich moist soil. Among the best vars. are:</p> <p><b>Yellow vars.</b>—<i>Golden Sceptre</i>; (color no. 5), deep rich yellow.</p> <p><b>Red vars.</b>—<i>America</i>, (color no. 13 lighter and yellower), large brilliant red flowers, dark red leaves. <i>La France</i>; (color no. 16 deeper), glowing orange-scarlet, glossy dark foliage. <i>Pluto</i>; (color no. 18 yellower), large flowers, deep scarlet.</p> <p><b>Parti-colored vars.</b>—<i>Alemannia</i>; (color no. 11 &amp; 3 edge), large scarlet flowers margined with yellow; broad leaves. <i>Aphrodite</i>; deep yellow flowers spotted with salmon-pink; green foliage. <i>Edouard André</i>; (color no. 17 mottled with 11), flowers flaming red with orange spots. <i>H. Wendland</i>;</p>	3-4½ ft. Sun	July to late Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
36, 31, 27, 32	RED CHRYSANTHEMUM	•  ** <i>Chrysanthemum coccineum</i> <i>Pyræthrum hybridum</i> , <i>P. roseum</i>	(color no. 12 & 3 edge), very large flowers, outer petals scarlet edged with gold, inner petals brilliant red with yellow centres; wide green leaves. <i>Oceanus</i> ; (color no. 13 brilliant & 4 edge), outer petals fiery red, margined with golden yellow, inner petals scarlet; leaves green. <i>Pandora</i> ; (color no. 18 with 4), rich red flowers bordered and blotched with gold.  See page 264.		June, July
Various	CACTUS DAHLIA	** <i>Dahlia</i> vars.	One of the most strikingly beautiful of tall plants. The flowers with twisted petals are sometimes single but usually double. The opalescent coloring of those shading from yellowish to pinkish tints is especially fine. Excellent planted in single or double rows. Prop. best by root division or cuttings. Plant tubers in late May or June, about 3 feet apart in sheltered spots in any soil, not too clayey, though best rich and deep. House in winter. <i>Dahlia Juarezi</i> is the parent of the Cactus Dahlia. Mexico. See Plate, page 361. <b>White vars.</b> — <i>Eva</i> ; 4 ft. <i>Keynes' White</i> ; "ivory white." 5 ft. <i>Lord Roberts</i> ; <i>Miss Webster</i> ; "pure white." 4 ft. <i>Mrs. A. Pearl</i> ; "creamy white." 4 ft. <b>Yellow vars.</b> — <i>Artus</i> ; "orange buff." 4 ft. <i>Florence</i> ; "yellowish orange." <i>H. F. Robertson</i> ; "deep pure yellow." 4 ft. <i>Mrs. De Lucca</i> ; (color no. 3 to 9), orange yellow. <i>Mrs. Freeman Thomas</i> ; "clear yellow shading to light orange." 3 ft. <i>Mrs. H. J. Allcroft</i> ; "soft orange buff." 4 ft. <b>Pink and Red vars.</b> — <i>Ajax</i> ; (color no. 16 brilliant & 17), "orange suffused with salmon and buff." 4 ft. <i>*Britannia</i> ; (color no. 24 pale), salmon pink, free bloomer. 4 ft. <i>**Clara G. Stredwick</i> ; (color no. bet. 15 & 29), clear bright salmon shading to yellow at base of petals. Large flowers with extremely narrow petals of great length. 3 ft. <i>*Countess of Lonsdale</i> ; (color no. 24 richer and deeper), a blending of salmon and amber shades. 3 ft. <i>Exquisite</i> ; (color no. bet. 16 & 17), bright scarlet tinted with salmon. 3 ft. <i>Fire Brand</i> ; (color no. 19 red-	3-6 ft. Sun	Late July to late Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p>der to 20), rich vermilion shading deeper. <i>Galliard</i>; (color no. 19 redder), a true cardinal. 3 ft. *<i>Kriemhilde</i>; (white with color no. 30), "soft Apple-blossom pink with white centre." 3 ft. <i>Lady Ed. Talbot</i>; terra cotta shaded with salmon. *<i>Mary Service</i>; (color no. 24 deep to 31 lighter), apricot shading into orange, margin purplish rose. 4 ft. <i>Monarch</i>; (color no. 24 deep, also 26 more orange), orange-red tipped with magenta. 3 ft. <i>Queen Wilhelmina</i>; (color no. 33 &amp; deeper), deep pink. <i>Viscountess Sberbrook</i>; (centre color no. 11 shading from 15 to 18), "bright terra cotta suffused with apricot." 3 ft.</p> <p><b>Dark Red or Maroon vars.</b>—<i>Aunt Chloe</i>; 3 ft. *<i>J. H. Jackson</i>; (color no. 28 dark), flowers with long narrow petals on long stems. 4 ft. <i>King of Siam</i>; 4 ft. *<i>Matchless</i>; (color no. 28 dark), 4 ft. <i>Mr. Moore. Night. Uncle Tom</i>; (color no. 28 dark). 4 ft.</p> <p><b>Magenta vars.</b>—<i>Austin Cannel</i>; (color no. 33 brilliant), rose-crimson shading lighter at margin. 4 ft.</p> <p><b>Purplish vars.</b>—<i>Emperor</i>; (color no. 26 bluish), indescribable Plum color shading at base of petal to yellow. 3½ ft. <i>Island Queen</i>; (color no. 40 to 47), purplish mauve. 3½ ft.</p> <p><b>Parti-colored vars.</b>—<i>Alpha</i>; (white with markings color no. 48), white speckled and striped with purple-crimson and lilac. 4 ft. <i>Columbia</i>; (white dashed with color no. 18), pure white tipped with vermillion. 4 ft.</p>		
Various	COLLE- ETTE DAHLIA	*Dáhlia vars.	<p>Collerette Dahlias are single and distinguished by the circle of short petals around the disk. Prop. best by root division. Plant the tubers 1½-3 ft. apart, in sheltered spots in any rich soil not too clayey. See Cactus Dahlia.</p> <p>Var. <i>Joseph Goujon</i>, deep scarlet, clear yellow collar. <i>President Viger</i>; (color no. 20 deeper), rich claret with lighter edges, and white collar. 2½ ft.</p>	4-6 ft. Sun	Late July to late Oct.
Various	DECORA- TIVE DAHLIA	**Dáhlia vars.	<p>Decorative Dahlias resemble the earlier form of Cactus Dahlia, with broader flatter petals which do not roll backward. Plant 1½ to 3 ft. apart. For prop. and cultivation see Cactus Dahlia. See Plate, page 362.</p> <p><b>Vars.</b>—<i>Admiral Dewey</i>; royal purple. <i>Black Beauty</i>; deep maroon.</p>	4-6 ft. Sun	"



CACTUS DAHLIA



QUILLED DAHLIA



DECORATIVE DAHLIA

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	FANCY DAHLIA	**Dahlia vars.	<p><i>Bronze Beauty</i>; large red-bronze. <i>Lemon Giant</i>; lemon-yellow. 5 ft. <i>Lyndhurst</i>; (color no. 20 lighter), bright scarlet. 5 ft. <i>Mephisto</i>; vermilion. <i>Nymphæa</i>; (white to 38 pale), shrimp-pink, shaded darker. 5 ft. <i>Perle</i>; white. 3 ft. <i>Sundew</i>; orange-scarlet. <i>Wm. Agnew</i>; (color no. 19 brighter), bright red. <i>Wilhelm Miller</i>; purple, free blooming. 4 ft. <i>Zulu</i>; (color no. 28 deeper), blackish red. 5 ft.</p> <p>Fancy, Show and Pompon Dahlias belong to the same category, differing chiefly in size. The flowers are quilled and form symmetrical balls. Prop. most easily by root division or cuttings. Plant the tubers <math>1\frac{1}{2}</math> to 3 ft. apart, in sheltered spots in any rich soil not too clayey. Dahlia rosea is the parent of these Dahlia.</p> <p><b>Large-flowered vars.</b>—<i>Admiral Schley</i>, crimson, shaded maroon, each petal striped with white; 3 ft. <i>Buffalo Bill</i>; deep golden orange, striped red; 4 ft. <i>Frank Smith</i>; (color no. 35 very deep, tipped with pale pink), rich deep purplish maroon, almost black, tipped with pale pink; 5 ft. <i>Judah</i>; pale yellow shading to old gold, marked with deep crimson. <i>Eloise</i>; (white to color no. 36 with petals tipped 33), white shading to blush-pink, with red margins; 4 ft. <i>Olympia</i>; (color no. 33 brighter), very large bright pink flowers, marked with crimson; 4 ft. <i>Lucy Fawcett</i>; (color no. 2 faintly marked 33 light), sulphur-yellow, marked with pinkish red; 5 ft. <i>Lottie Eckford</i>; (marked with color no. 43 warmer and 33 lighter), white, marked with pink and crimson; 3 ft. <i>Penelope</i>; white tinged with lavender near the margin. <i>Striped Banner</i>, rich bright red, white striped.</p>	3-6 ft. Sun	Late July to late Oct.
Various	POMPON DAHLIA	*Dahlia vars.	<p>Prop. best by root division. Plant the tubers <math>1\frac{1}{2}</math> to 3 ft. apart in any rich soil, not too clayey. The Dahlia rosea is parent.</p> <p><b>Vars.</b>—<i>Catherine</i>; (color no. 3), yellow; 3 ft. <i>Elegante</i>; (bet. color nos. 30 &amp; 27, tinged deeper), pink shaded deeper and lighter; <math>2\frac{1}{2}</math> ft. <i>Le Petit Jean</i>; plum color. <i>Little Beauty</i>; (32 brighter), shrimp-pink; excellent cut flower. <i>Little Naiad</i>; rose-lake tinged with crimson. <i>Little</i></p>	3-5 ft. Sun	"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	QUILLED DAHLIA	**Dahlia vars.	<p><i>Prince</i>; (26 deeper and white), red with white tips; 3 ft. <i>Lou Kramer</i>; yellow and pink, red tipped; 3 ft. <i>Snowclad</i>; white, very small; 2½ ft. <i>Sunshine</i>; bright scarlet; 3 ft.</p> <p>Prop. most easily by root division or cuttings. Plant in sheltered spots in any rich soil not too clayey. Plant the tubers 1½ to 3 ft. apart. Quilled are often given under the head of both Decorative and Show Dahlias. See Plate, page 362.</p> <p><b>Vars.</b>—<i>A. D. Livoni</i>; (color nos. 32 to 38), clear pink; 4 ft. <i>Grand Duke Alexis</i>; ivory white tinged with white near the edges; 4½ ft. <i>Kaiser Wilhelm</i>; (5 lighter and softer), old gold with scarlet tips. <i>Queen Victoria</i>; (color no. 3), deep yellow; 4 ft. <i>Ruth</i>; white faintly tinged with pink near the centre.</p>	4-6 ft. Sun	Late July to late Oct.
Various	SHOW DAHLIA	**Dahlia vars.	<p>Large compact flowers of two or more colors, double to the centre. Prop. best by division. Plant the tubers 1½ to 3 ft. apart in sheltered spots in any rich soil not too clayey. When frost destroys the stems lift the plant and keep over winter in dry cellar. Plant in May when there is no danger of frost. Dahlia rosea is the parent. See Plate, page 362.</p> <p><b>Vars.</b>—<i>Arabella</i>; (color no. 36 with 2 centre), primrose, tinted with old rose and lavender; 4 ft. <i>John Bennett</i>; (color nos. 18 &amp; 8), golden yellow tipped with red; 3 ft. <i>John Walker</i>; (color no. 2 pale), white. <i>La Phare</i>; rich scarlet. <i>Mrs. Dexter</i>; (color no. 16 pinker), deep salmon pink. <i>Miss May Loomis</i>; white tinted with rose. <i>Black Diamond</i>; black changing to black maroon. <i>Pink Dandy</i>; pink. <i>Red Hussar</i>; cardinal-red. <i>Queen of the Belgians</i>; (white to 36), delicate pale pink. <i>Queen of Yellows</i>; (color no. 3), clear yellow. <i>Thos. White</i>; (color no. 28 darker), deep maroon.</p>	3-6 ft. Sun	"
Various	SINGLE DAHLIA	**Dahlia vars.	<p>Prop. most easily by root division or cuttings. Plant the tubers 1½ to 3 ft. apart in sheltered spots in any rich soil not too clayey. Dahlia rosea is parent.</p> <p><b>Vars.</b>—<i>Anemone</i>; white. <i>Annie Hughes</i>; (color no. 26 with 3 light centre), carmine with yellow centre. <i>Gold Standard</i>; very large deep yellow. <i>Juno</i>; white tipped with rose,</p>	4-6 ft.	"



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Often 33 dark	SCARLET DAHLIA	Dáhlia coccínea	yellow centred. <i>Mrs. Bowman</i> ; (color no. 3 to white), solferino. <i>Polly Eccles</i> ; fawn colored, red centred. <i>Sunset</i> ; (color no. 4 warmer tinged 18), yellowish. <i>Black Bird</i> ; maroon-black each petal spotted with red. <i>Danish Cross</i> ; carmine each petal having a white central band. <i>Gaillardia</i> ; golden yellow, red near the centre. <i>Lustre</i> ; rose shaded lighter near the centre. <i>Record</i> ; yellow, tinged with scarlet.	2-5 ft. <i>Sun</i>	July to early Oct.
Various	VON MERCK'S DAHLIA	Dáhlia Mércckii <i>D. glabrata</i>	Bushy plant with erect rather slender grayish stems bearing large single flowers having yellow centres and rays recurved at the margin. Vars. yellow and orange. They should be staked. Dahlias are one of the most effective garden plants and are handsome in rows. Store roots in a dry cellar after frost kills the plant; set out preferably in June or July. They take six weeks to come to flower. Prop. by division; each tuber must have an eye, therefore start growth before dividing; cuttings, seed and grafting. Good sandy soil not too rich, for strength may go to foliage. Mexico.	2-3 ft. <i>Sun</i>	"
Often 17 dark	COMMON DAHLIA	Dáhlia variábilis <i>D. ròsea</i>	Plant of low spreading habit. Branching flower stems bearing single flowers, often lilac, with yellow centres and short recurved rays which rise 2 or 3 ft. above the foliage, which is particularly finely cut and handsome. Stake the plants. See <i>D. coccinea</i> for further information. Mexico.	2-5 ft. <i>Sun</i>	"
62, 57	CHINESE LARKSPUR	** <i>Delphinium grandiflorum</i> var. <i>Chinéense</i>	See page 267.		June, July
33, 34, 35, etc.	SWEET WILLIAM	** <i>Diáanthus barbatus</i>	See page 267.		"
Usually bet. 32 & 39	COMMON FOXGLOVE	** <i>Digitális purpurea</i> <i>D. tomentosa</i>	See page 267.		June, early July
Various	SWORD LILY	** <i>Gladíolus</i> vars.	Conspicuous spikes of lily-like flowers which last long when cut. Sword-shaped leaves. Plant at intervals from early spring until July to secure succession of bloom. Striking and very desirable in border. When the	3-4½ ft. <i>Sun</i>	July to Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p>foliage dies, dig up the bulb, dry in open air and store in dry cellar. Prop. by seed or by small bulb at base of parent bulb. Any garden soil, preferably rich moist sandy loam. Cape Colony; Natal. See Plate, page 367.</p> <p><b>Named hybrids.</b> <b>White vars.</b>—<i>Angèle</i>; very effective. <i>Snow-White</i>; beautiful pure white, with a faint line of rose on the lower petal.</p> <p><b>Pink vars.</b>—<i>Madame Monneret</i>; delicate rose pink. <i>Pyramide</i>; large well-opened flowers, bright orange-rose. <i>Surprise</i>, purplish rose, very late blooming.</p> <p><b>Red vars.</b>—*<i>Brenchleyensis</i>; brilliant vermilion-scarlet. <i>Flamboyant</i>; large flowers, flaming scarlet.</p> <p><b>Parti-colored vars.</b>—<i>Agatha</i>; dashed with lilac-carmine, spotted with clear yellow. <i>Apollon</i>; rose-lilac, with large rose spot, and centre striped with white. <i>Baucis</i>; large rose flowers, slightly tinted with salmon, blotched with purplish red. <i>Calypto</i>; flesh-colored rose, dashed with rose and mottled with carmine. <i>Ceres</i>; snow-white and mottled with purplish rose. <i>Crépuscule</i>; large spikes of lilac-rose flowers, suffused with carmine and edged with violet. <i>Eldorado</i>; yellow, lower petals marked with red. <i>Fatima</i>; cream-white streaked with rose-salmon and blotched with violet. <i>Grandesse</i>; large well expanded flowers, pinkish white, touched with lilac, blotched with carmine. <i>La France</i>; (24 deeper &amp; 3), cream-white with carmine edge and purplish blotch. <i>Leviathan</i>; large flowers, delicate rose, streaked with carmine and blotched with purple. <i>May</i>; large spikes of pure white flowers, spotted with rose-crimson. <i>Mr. Jansen</i>; fine spike of large rose-carmine flowers, edged and slightly streaked with purplish red, and blotched with cream color. <i>Neron</i>; tall spike of round flowers, deep crimson, touched with deep blood-red and violet. <i>Ophir</i>; dark yellow blotched with purple. <i>Pépita</i>; creamy yellow streaked with pink. <i>Phœbus</i>; (18 brilliant), vivid red strikingly blotched with white. <i>Schiller</i>; sulphur-yellow, with large carmine blotch. <i>Titania</i>; beautiful spike, creamy salmon dashed with cherry-red. <i>Van Dael</i>; very large flowers, light salmon-pink near</p>		



SWORD LILY VARS. *Gladiolus* vars.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p>the centre, streaked blood-red at the petal edges.</p> <p><b>Gladiolus Childsi.</b> <b>Red vars.</b>—<i>Cardinal</i>; (color bet. nos. 19 &amp; 20), orange red. <i>*Deborah</i>; (color nos. 18 &amp; 19 brighter), scarlet-vermilion, with large clear white centre. <i>*Gov. McCormick</i>; (color no. 18), scarlet vermilion with a white and cardinal red centre, (color no. 20). <i>*Nezinscott</i>; (effect color no. 18), scarlet-vermilion. <i>Saratoga</i>; (effect color no. 19), orange scarlet.</p> <p><b>Pink vars.</b>—<i>America</i>; (color no. 36), pale pink, centre deeper (color no. 33 brighter). <i>Harlequin</i>; (color no. 36), pale pink dashed with magenta (color no. 31). <i>*Irene</i>; (color nos. 36 to 38 lighter), pale pink with dark centre (color no. 27). <i>*Little Blush</i>; (effect color no. 36), pale pink, outer edge dark (color no. 32), with yellow centre (color no. 2). <i>Lydia</i>; (color nos. 36 &amp; 37 to 27 brighter, effect 36 spotted with 27), pink with reddish spots. <i>Mrs. R. A. Goldsmith</i>; (effect color no. 23 deeper), rose-pink with white centre. <i>*Siboney</i>; (color nos. 36 to 39), pink varying to heliotrope, with crimson edge (color no. 33). <i>*Splendor</i>; (color no. bet. 24 &amp; 26), deep pink, crimson centre (color no. 33).</p> <p><b>Gladiolus Gandavensis.</b> <b>White vars.</b>—<i>Augusta</i>; (color no. 32), purplish white with small purplish pink centre.</p> <p><b>Yellow vars.</b>—<i>Canary Bird</i>; (color nos. 2 greenish &amp; 1), greenish yellow. <i>Sunshine</i>; (color nos. 2 greenish &amp; 1), lemon-yellow.</p> <p><b>Red vars.</b>—<i>*Contrast</i>; (color no. 18 darker), scarlet-vermilion with large clear white centre.</p> <p><b>Pink vars.</b>—<i>Ajax</i>; (color no. 36), light pink edged with old-rose (color no. 25). <i>Chaumont</i>; (color no. 36 to 27 deeper on edge), pink. <i>Eugène Scribe</i>; (color no. 36), light pink edged with rose-red (color no. 27). <i>*Octoroon</i>; (effect color no. 22), light salmon-pink, spotted slightly with a deeper shade (color no. 30) with centre turning to pale yellow (color no. 1) dashed with crimson (color no. 33).</p>		
Various	JAPANESE IRIS	** <i>Iris laevigata</i> <i>I. Kämpferi</i>	See page 267 and Plate, page 368.		June, July

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Bet. 38 & 44 or white	BITTER-ROOT, SPATULUM	Lewisia rediviva	See page 268.		June, July
1 spotted brown, 11 to 14	WILD YELLOW OR CANADA LILY	**Lilium Canadense	See page 268.		"
Often 33 brilliant	MULLEIN PINK, DUSTY MILLER, ROSE CAMPION	*Lýchnis Coronària <i>Agrostemma C.</i> <i>C. tomentosa</i>	See page 268.		"
White, 2, 44	COBÆA BEARD-TONGUE	Pentstemon Cobæa	Few-flowered panicle of large flowers with narrow tube and broad flat top, varying in shades from white to purple. Thick leaves. Suitable for border, rock-garden and margin of shrubbery. Prop. by seed and division. Requires protection. Any soil. S. Western U. S. A.	15-18 in. Sun	"
Various	LARGE OR JAPANESE PETASITES	Petasites Japonica var. gigantæa	See page 272.		"
Various	EARLY SUMMER FLOWERING PHLOX	*Phlox glaberrima var. suffruticosa	See page 272.		"
Various	WILD SWEET WILLIAM	*Phlox maculata	See page 272.		"
Various	PERENNIAL PHLOX	**Phlox paniculata vars. <i>P. decussata</i>	Sturdy erect plant forming clumps 2-3 ft. across. Dense panicles of flowers often 1 ft. long; garden vars. range through all colors except yellow. One of the best plants for brilliant effects forming a striking mass of color in border or edge of shrubbery. The flame-colored kinds should be detached from all except white flowers. Prop. by division; divide every 3 years in late autumn. Moist rich soil. U. S. A. See Plate, page 373. The following are some of the best garden vars.:— <b>White vars.</b> — <i>Amazon</i> ; about 1½ ft. <i>Candeur</i> ; dwarf, large flowers. <i>Fiancée</i> ; pure white, very large flowers. <i>Independence</i> ; very tall plant; large flowers in large spike. <i>Ixion</i> ; (eye, color no. 31), small crimson eye, large spike. <i>Le Cygne</i> ; pure white large flower and very large pyramidal spike. <i>Mrs. Huerlin</i> ; pure white. <i>Saisons Lierval</i> ; (eye, color no. 31), white, crimson eye. <i>Tapis blanc</i> ; pure white.	2-3½ ft. Sun	July to Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p><b>Red vars.</b>—<i>Coccinea</i>; (color no. 27 deeper &amp; brilliant), small bright flowers in large clusters. <i>*Coquelicot</i>; (color no. 18 redder), intense orange-scarlet, dark crimson centre. <i>*Etna</i>; bright, salmon-red, dark-centred. <i>Flambeau</i>; salmon-red. <i>Montagnard</i>; (color no. 38 brilliant), deep crimson, dark-centred. <i>Ornament</i>; (color no. 26 slightly redder), very bright light crimson. <i>Victor</i>; (color no. 27), rose-red.</p> <p><b>Pink vars.</b>—<i>Bicolor</i>; salmon-pink, crimson-centred. <i>*Charles Darwin</i>; (color no. 30 yellower, centre 31), bright salmon-pink, crimson centre, very large pyramidal spike. <i>Day-break</i>; (color no. 29 lighter), light pink. <i>Evenement</i>; (color no. 30 yellower &amp; brighter), salmon-pink, purple-centred. <i>Gen. Chanzy</i>; (bet. color nos. 18 &amp; 26), scarlet-pink, salmon tinted. <i>James Bennett</i>; (color no. 29 pale, eye 27), salmon-pink crimson eye. <i>Le Soleil</i>; (color no. 31), crimson-pink. <i>Lothian</i>; rich salmon-crimson eye. Large spreading spike. Excellent. <i>Mars le Tours</i>; (color no. 29 pale, centre 31), pink and white. <i>Pantbeon</i>; (color no. 30), pink. <i>Pink Beauty</i>; (color no. 38), pale pink, enormous spike. <i>*R. P. Struthers</i>; (color no. 26 bright), crimson-pink, orange tinted, dark centred; very good.</p> <p><b>Magenta vars.</b>—<i>Eclaireur</i>; (color no. 33 very deep &amp; brilliant), deep magenta, large flowers.</p> <p><b>Lilac vars.</b>—<i>Amphitryon</i>; large, lilac suffused with white. <i>Crêpuscule</i>; (color no. 39 lighter), very large, lilac, with lighter margins, crimson centred. <i>Cross of Honor</i>; lilac, white margined. <i>Esperance</i>; (color no. 40, bluer towards 41), large and beautiful, magenta-lilac shading to white.</p> <p><b>Purple vars.</b>—<i>*Blue Hills</i>; (color no. 48 deeper to 55), intense violet. <i>Huxley</i>; (color bet. nos. 40 &amp; 41, centre white), deep purple-magenta with white centre. <i>Iris</i>; deep magenta purple, crimson centred. <i>Le Mabdi</i>; (color bet. nos. 40 &amp; 41), bright deep velvety purple flowers in large clusters. <i>Lord Rayleigh</i>; (color no. 47), effect blue, dark violet, centre purple. <i>Wm. Ramsey</i>; (color no. 40 very deep) velvety flowers, deep purple-magenta, dark centre; fine spike.</p>		

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Often bet. 46 & 47	SAGE	<i>Sálvia officinàlis</i>	See page 273.		June, early July
Often 39 or 38	EGYPTIAN OR GYPSIES' ROSE	* <i>Scabiòsa arvènsis</i>	See page 273.		Early June to mid. Aug.
25, 42, lighter, white	PURPLE . MULLEIN	* <i>Verbàscum phœníceum</i> <i>V. ferrigi-neum</i>	See page 273.		June, July
Various	PANSY, HEART'S-EASE	** <i>Viola tricolor</i>	See page 273.		Mid. Apr. to mid. Sept.





PERENNIAL PHLOX. *Phlox paniculata*.

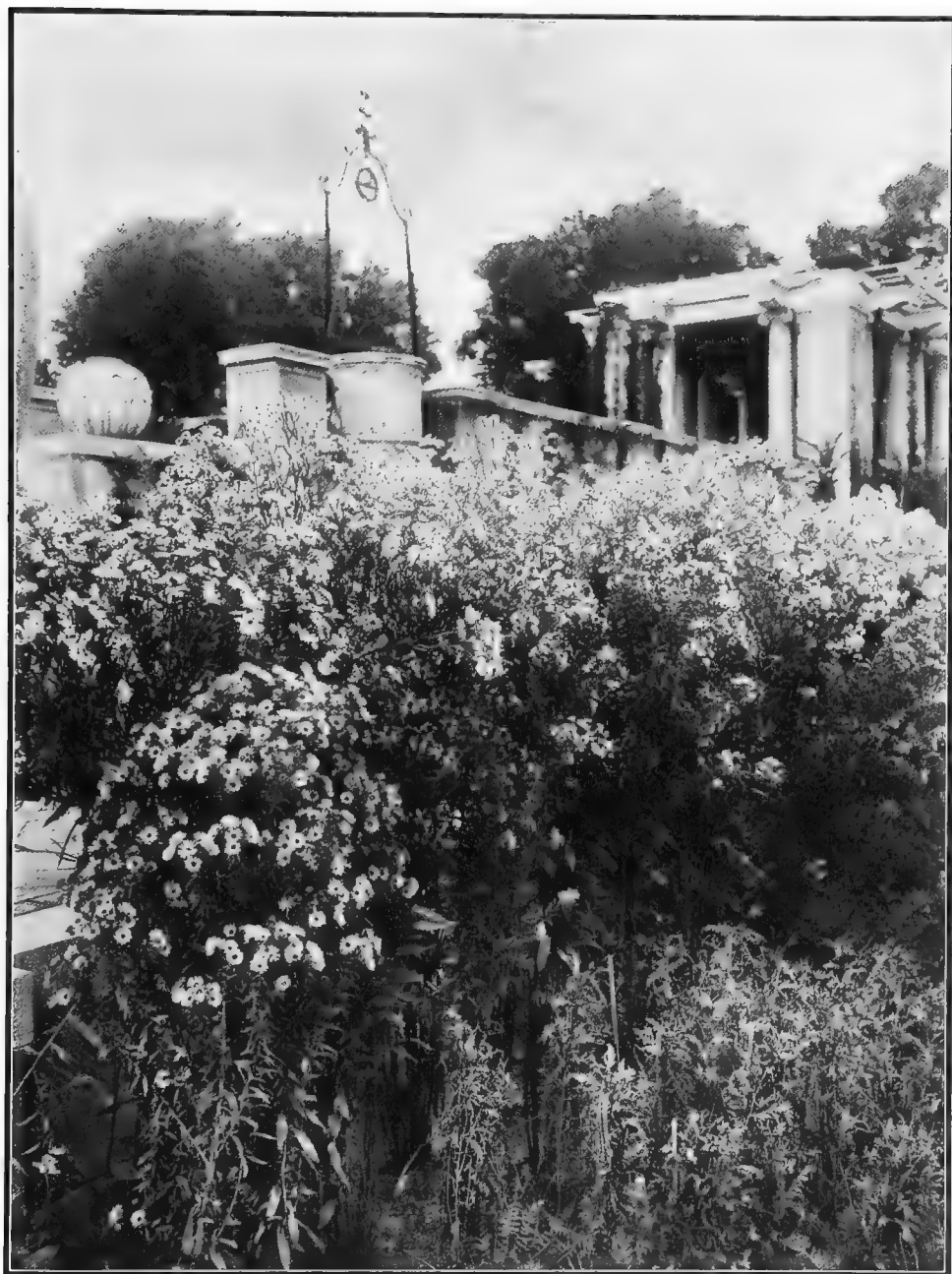


# AUGUST

WHITE TO GREENISH

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	SNEEZE-WORT	<i>Achillea Ptármica</i>	See page 167.		June to mid. Sept.
"White"	DOUBLE SNEEZE-WORT	** <i>Achillea Ptármica</i> var. "The Pearl"	See page 167.		June to Oct.
"White"	SIBERIAN MILFOIL OR YARROW	* <i>Achillea Sibírica</i> <i>A. Mongòlica</i> , <i>A. ptarmicoides</i>	See page 274.		July to Oct.
"Nearly white"	WHITE MONKS-HOOD OR OFFICIAL ACONITE	** <i>Aconitum Napéllus</i> var. <i>álbum</i> <i>A. pyramidàle</i> var. <i>a.</i> , <i>A. Tauricum</i> var. <i>a</i>	See page 274.		Mid. July to early Sept.
"White"	WHITE POTANINNI'S GLAND BELL-FLOWER	* <i>Adenóphora Potaninni</i> var. <i>álba</i>	See page 274.		July, Aug.
"White"	ST. BERNARD'S LILY	* <i>Anthéricum Liliàgo</i>	See page 274.		Mid. July to early Aug.
"White"	BOUQUET STAR-FLOWER, YARROW-LEAVED STARWORT	* <i>Aster ptarmicoides</i> <i>Chrysópsis álba</i>	See page 277.		July, Aug.
"White"	TALL FLAT-TOP WHITE ASTER	* <i>Aster umbellátus</i> <i>Doellingèria umbellata</i>	Showy plant. Flowers large. Foliage long and narrow. Good for naturalizing in half shady places U S. A.	7 ft. Half shade	Late Aug. to early Oct.
"Pinkish white"	PLUME POPPY	** <i>Boccònia cordàta</i> <i>B. Japónica</i>	See page 277		Early July to early Aug.
"White"	ASTER-LIKE BOLTONIA	* <i>Boltònia asteroides</i> <i>B. glastifolia</i>	Plant resembling the Aster in growth and flower; effect, however, is more feathery. Covered in blooming season with flowers varying to purple. Attractive in rough places or in mixed border, associated with Asters, etc. Prop. by division. Any soil. Central U. S. A. See Plate, page 377.	2-8 ft. Sun	Late Aug. to mid. Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	WOAD-LEAVED BOLTONIA	** <i>Boltônia glastifolia</i>	Blossoms about one month earlier than <i>B. asteroides</i> and is smaller and weaker. Flowers with yellow centres. Pale green foliage. Prop. by division. Any soil. N. Amer.	4-5 ft. Sun	Aug., Sept.
"White"	WHITE CARPATHIAN HAIRBELL	** <i>Campánula Carpática</i> var. <i>álba</i>	See page 171.		Late June to late Aug.
"White"	WHITE TURBAN BELL-FLOWER	** <i>Campánula Carpática</i> var. <i>turbinata álba</i> C. t. var. <i>u.</i>	See page 278.		July to Sept.
"White"	MILK-WHITE BELL-FLOWER	* <i>Campánula lactiflora</i>	See page 278.		July, Aug.
"White"	WHITE CHIMNEY-PLANT OR STEEPLE BELLS	* <i>Campánula pyramidalis</i> var. <i>álba</i>	See page 278.		"
"White"	WHITE BLUE BELLS OF SCOTLAND	* <i>Campánula rotundifolia</i> var. <i>álba</i>	See page 171.		June to Sept.
"White"	WOLVES'-THISTLE	<i>Carlina acaulis</i>	Low dwarf plant. Flower-heads, sometimes 6 in. wide, surrounded by petal-like scales, scarcely borne above the thistle-like leaves. Good rock-garden plant. Prop. by seed in spring, or cuttings. Any garden soil. Europe	3-9 in. Sun	Aug.
"Cream white"	TARTARIAN CEPHALARIA	* <i>Cephalària Tatàrica</i>	See page 278.		Early July, Aug.
"Cream white"	WHITE SMOOTH TURTLE HEAD	* <i>Chelòne glàbra</i> C. <i>obliqua</i> var. <i>álba</i>	See page 281.		July, Aug.
"White"	SHASTA DAISY	* <i>Chrysánthemum</i> "Shasta Daisy"	See page 173.		June to Sept.
"White"	GIANT DAISY	** <i>Chrysánthemum uliginosum</i> <i>Pyrèthrum uliginosum</i>	A fine plant forming a dense upright bush branching above with a profusion of large, single, rayed and yellow-centred flowers, about 2½ in across, in lax clusters. Leaves pale green. Good for cutting. Needs plenty of water. Blooms the first year from seed; prop. also by division, cuttings or suckers. Rich loam, moist and heavy. Hungary.	4-5 ft Sun	Aug., Sept.



ASTER-LIKE BOLTONIA. *Boltonia asteroides*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	AMERICAN BUGBANE	<i>Cimicifuga Americana</i> <i>Actæa prodocarpa</i>	Flowers of disagreeable odor in long terminal racemes. Handsome foliage. Plant against dark background in some shaded spot. Prop. by seed and division. Any good soil. Alleghany Mts.	2-4 ft. <i>Sun or half shade</i>	Aug.
"Creamy white"	BLACK SNAKEROOT	* <i>Cimicifuga racemosa</i> <i>C. serpentaria</i>	See page 281.		July, early Aug.
"White"	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		Late July to late Oct.
"White"	WHITE LARGE-FLOWERED LARKSPUR	** <i>Delphinium grandiflorum</i> var. <i>album</i>	See page 282.		July, Aug.
"White"	CYCLAMEN POPPY	<i>Eomœcon chionantha</i>	See page 282.		"
"White"	WHITE GREAT WILLOW HERB OR FIRE WEED	* <i>Epilobium angustifolium</i> var. <i>album</i> <i>E. spicatum</i> var. <i>a.</i>	See page 177.		June to early Aug.
"White"	HORSE-WEED, BUTTER-WEED	<i>Erigeron Canadensis</i>	See page 177.		June to Sept.
"White"	RATTLE-SNAKE-MASTER, BUTTON SNAKE-ROOT	<i>Eryngium aquaticum</i> <i>E. yuccaefolium</i>	See page 177		June to Oct.
"White"	WHITE SEA HOLLY	* <i>Eryngium planum</i> var. <i>album</i>	See page 283.		July to mid. Aug.
"White"	WHITE SNAKE-ROOT	<i>Eupatatorium ageratoïdes</i>	Bushy native plant found in woods. Flower-heads small, but numerous, in flat clusters, covering the plant with masses of bloom. Good for cutting. Border or naturalization. Prop. by division or cuttings. Any ordinary soil. Eastern N. Amer. See Plate, page 378.	3-5 ft. <i>Sun</i>	Aug., Sept.
"White"	TALL THOROUGHWORT OR BONESET	<i>Eupatatorium altissimum</i>	See page 283.		July, Aug.
"White"	THOROUGHWORT, BONESET, INDIAN SAGE	<i>Eupatatorium perfoliatum</i>	See page 283.		"
"White"	FLOWERING SPURGE	<i>Euphorbia corollata</i>	See page 283.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pure white"	SUBCOR- DATE DAY LILY	* <i>Funkia subcordata</i> <i>F. álba</i> , <i>F. cordata</i> , <i>F. Japónica</i> , <i>F. liliflora</i> , <i>F. macrantha</i>	See page 283		July, Aug.
"White"	LARGE- FLOWERED SUBCOR- DATE PLANTAIN LILY	** <i>Funkia subcordata</i> var. <i>grandiflora</i> <i>F. álba</i> var. <i>g.</i> , <i>F. liliflora</i> var. <i>g.</i>	Large fragrant tubular flowers in spikes project above the mound of large leaves. Effective along walks or in the margin of shrubbery. Prop. by division, sometimes by seed just ripe. Rich moist soil. Japan	1-2 ft. Half shade	Late Aug., Sept.
"White"	WHITE OR GREAT HEDGE BEDSTRAW, WILD MADDER	<i>Gálum Mollugo</i>	See page 178		Early June to late Aug.
"White"	SYLVAN BEDSTRAW	* <i>Gálum sylvaticum</i>	See page 284		July, Aug.
"White"	CAPE OR GIANT SUMMER HYACINTH	** <i>Galtônia candicans</i> <i>Hyacinthus candicans</i>	See page 284		"
"White"	WINTER- GREEN, CHECKER- BERRY, BOXBERRY	<i>Gaulthéria procumbens</i>	See page 284.		July, Aug.
"White"	WHITE GENTIAN	* <i>Gentiana álba</i>	Terminal clusters of dull tubular flowers tinted with green or yellow. Cool locations in rock-garden or border. Prop. very slowly by seed, also by division. Leave undisturbed. Light moist soil, rich and sandy N Amer.	1-1½ ft. Half shade	Aug.
"White"	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365		July to Oct.
"Greenish white"	RATTLE- SNAKE PLANTAIN	<i>Goodyera pubescens</i>	See page 285.		July, Aug.
"Pinkish white"	POINTED- LEAVED CHALK- PLANT	* <i>Gypsóphila acutifolia</i>	See page 285		Mid. July to late Aug.
"Pinkish white"	BABY'S BREATH	** <i>Gypsóphila paniculata</i>	See page 285		July, Aug.
"Greenish"	HERNIARY, RUPTURE- WORT	<i>Herniaria glabra</i>	See page 285		"
"White"	WHITE CORAL BELLS	<i>Heuchera sanguinea</i> var. <i>álba</i> <i>H. álba</i>	See page 179.		June to late Sept.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Whitish" faintly 32	<b>HAIRY ALUM ROOT</b>	<i>Heuchera villôsa</i> <i>H. caulêscens</i>	See page 179.		Late June to Sept.
"White"	<b>WHITE SWAMP ROSE OR ROSE MALLOW</b>	* <i>Hibiscus Moscheutos</i> var. <i>álbus</i> <i>H. palústris</i> var. <i>álbus</i>	One of the best kinds of this vigorous plant. Native along sea-coast. Large open flowers like single Hollyhocks, 4-8 in. across and borne close to the stem. Leaves large and handsome. Winter mulch desirable. Handsome in groups in border or shrubbery. Prop. by seed. Any good loam, preferably sandy. N. Amer.	4 ft. <i>Sun or half shade</i>	Aug., Sept.
"White"	<b>CRIMSON EYE SWAMP ROSE</b>	* <i>Hibiscus Moscheutos</i> var. "Crimson Eye"	A handsome variety. Wide open flowers sometimes 7 in. across, pure white with velvety crimson eye, and bronze tinted foliage. See <i>H. M.</i> var. <i>albus</i> . N. J.	3-5 ft. <i>Sun or half shade</i>	"
"White"	<b>GOLD-BANDED OR JAPAN LILY</b>	** <i>Lilium auratum</i>	See page 286.		Mid. July to mid. Aug.
"White"	<b>HEART-LEAVED LILY</b>	* <i>Lilium cordifolium</i>	Vigorous plant. Funnel-shaped flowers, 3-5 in. long, marked with purplish brown within, are borne in racemes. Red-tinged leaves. Rather hard to grow. Bulbous. Prop. by scales or offsets. Light well-drained vegetable soil. Avoid direct contact with manure. Japan.	3-4 ft. <i>Sun or half shade</i>	Aug., Sept.
"White"	<b>GIANT LILY</b>	* <i>Lilium giganteum</i>	See page 286.		July, early Aug.
"White"	<b>COMMON TRUMPET LILY</b>	* <i>Lilium longiflorum</i>	See page 286.		"
"White"	<b>GREAT WHITE LOBELIA</b>	** <i>Lobelia syphilítica</i> var. <i>álba</i>	Handsome variety. Flowers in long spikes. Leaves almost stemless on the flower stalks. For damp grounds or bogs. Prop. by seed or cuttings. Hort.	2-3 ft. <i>Sun</i>	Mid. Aug. to Oct.
"White"	<b>DOUBLE WHITE OR EVENING CAMPION</b>	* <i>Lýchnis álba</i> var. <i>flôre-plêno</i> <i>L. vespertina</i> var. <i>f.-p.</i>	See page 289.		Mid. July to mid. Sept.
"White"	<b>SINGLE AND DOUBLE WHITE MALTESE CROSS</b>	** <i>Lýchnis Chalcedónica</i> vars. <i>álba</i> & <i>álba plêna</i>	See page 180.		June to early Aug.
"White"	<b>WHITE MUSK MALLOW</b>	* <i>Málva moschàta</i> var. <i>álba</i>	See page 289.		July to early Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	DOUBLE SCENTLESS CAMOMILE	* <i>Matricaria inodora</i> var. <i>plenissima</i> <i>M. i.</i> var. <i>ligulosa</i> , var. <i>multiplex</i> , <i>M. grandiflora</i> , <i>Chrysanthemum i.</i> var. <i>flore-pleno</i>	See page 183.		June to Sept.
"Yellowish white"	BALM	<i>Melissa officinalis</i>	See page 183		June to early Aug.
"White"	SHOWY PRIMROSE	* <i>Oenothera speciosa</i> <i>Hartmannia speciosa</i>	Shrubby plant. Large broad flowers which turn pink, borne freely. Very attractive in rock-garden or border. Prop. by seed, which blooms first year, division or cuttings. Any soil. S. Western U. S. A.	1½-2 ft. Sun	Aug., Sept.
"White"	WHITE REST-HARROW	<i>Oenothera arvensis</i> var. <i>alba</i> <i>O. spinosa</i> var. <i>alba</i>	See page 290.		Mid. July to early Aug.
"White"	WHITE ICELAND POPPY	** <i>Papaver nudicaule</i> var. <i>album</i>	See page 184.		Late Apr. to mid. June, late Aug., Sept.
"White"	AMERICAN FEVERFEW, PRAIRIE DOCK	<i>Parthenium integrifolium</i>	See page 184.		June to Sept.
"White"	PERENNIAL PHLOX	** <i>Phlox paniculata</i> vars. <i>P. decussata</i>	See page 370.		July to Oct.
"White"	WHITE FALSE DRAGON-HEAD	<i>Physostegia Virginiana</i> var. <i>alba</i> <i>P. Virginica</i> var. <i>alba</i>	See page 290.		Early July to Sept.
"White"	WHITE BALLOON FLOWER	** <i>Platycodon grandiflorum</i> var. <i>album</i> <i>Campánula g.</i> var. <i>a.</i> , <i>Wahlenbergia g.</i> var. <i>a.</i>	See page 187.		June to Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Greenish white"	SACALINE	<i>Polygonum Sachalinense</i>	Flowers inconspicuous, in drooping clusters. Leaves dull green, often 1 ft. long, and very numerous. Requires plenty of room and may spread too much. Most effective in rough grounds or near water. Prop. by seed, sown in permanent position, and by division. Any garden soil. Island of Sachalian.	8-12 ft. <i>Sun or shade</i>	Late Aug., Sept.
"White"	JAPAN KNOTWEED	<i>Polygonum Sieboldi</i> <i>P. cuspidatum</i> , <i>P. Zuccatrinii</i>	A smaller species than <i>P. Sachalinense</i> and a freer bloomer. Quick-growing and useful. See <i>P. Sachalinense</i> . Japan.	3-5 ft. <i>Sun</i>	Aug., Sept.
"White"	PEARL-WORT	<i>Sagina subulata</i> <i>S. pilifera</i> , <i>Spergula p.</i> , <i>S. subulata</i>	See page 291		July, Aug.
"White"	WHITE WOODLAND SCABIOUS	* <i>Scabiosa sylvatica</i> var. <i>albiflora</i>	See page 189.		Early June to late Sept.
"White"	WHITE HYACINTH SQUILL	** <i>Scilla hyacinthoides</i> var. <i>alba</i> <i>S. parviflora</i> var. <i>alba</i>	A free bloomer. Open bell-shaped flowers in many-flowered racemes. Long and narrow foliage. Charming in the border or rock-garden. Bulbous. Prop. by offsets. Light soil enriched with manure. Mediterranean Region.	1-1 1/2 ft. <i>Sun or half shade</i>	Aug.
"Cream white"	WHITE STONECROP	* <i>Sedum album</i>	See page 291.		Mid. July to late Aug.
"White"	WHITE SHOWY SEDUM	* <i>Sedum spectabile</i> var. <i>album</i> <i>S. Fabaria</i> var. <i>album</i>	One of the best Sedums. Flowers in large, showy clusters surmount leafy stems. Glaucous grayish foliage. Very hardy. Good for massing in rock-garden. Prop. by division. Ordinary garden soil. Japan.	1 1/2-2 ft. <i>Sun</i>	Late Aug. to mid. Sept.
"White"	WHITE COMMON SEA LAVENDER OR MARSH ROSEMARY	<i>Statice Limonium</i> var. <i>alba</i>	See page 292.		July, Aug.
"White"	MOUNTAIN WILD THYME	<i>Thymus Serpyllum</i> var. <i>montanum</i> , <i>T. montanum</i> , <i>T. Chamædryas</i>	See page 193.		Early June to mid. Aug.
"White"	WHITE SPIDER-WORT	* <i>Tradescantia Virginiana</i> var. <i>alba</i>	See page 94.		Late May to late Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Whitish"	GREAT VIRGINIAN SPEEDWELL, CULVER'S ROOT	* <i>Verónica</i> <i>Virgínica</i> <i>Leptándra</i> <i>Virginica</i>	Strong, upright plant, more or less downy. Numerous flowers in tall spike-like racemes. Effective in border though of somewhat coarse appearance. Rich soil preferable. Eastern U. S. A. Var. <i>Japonica</i> resembles the type but blooms a month earlier. Japan. See page 23.	2-6 ft. Sun	Early Aug. to early Sept.
"White"	WHITE HORNED VIOLET OR BEDDING PANSY	** <i>Viola</i> <i>cornúta</i> var. <i>álba</i>			Late Apr. until frost
"Yellow" 5	WOOLLY-LEAVED MILFOIL	* <i>Achillea</i> <i>tomentósa</i>	See page 96.		Late May to mid. Sept.
"Pale yellow" 4	EGYPTIAN MILFOIL OR YARROW	<i>Achillea</i> <i>Tournefortii</i> <i>A. Ægyptiaca</i>	See page 293.		July to Oct.
"Yellow" 2	PALE YELLOW WOLFSBANE	* <i>Aconitum</i> <i>Lycóctonum</i> <i>A. barbátum</i> , <i>A. ochroleucum</i> , <i>A. squarrosum</i>	See page 294		July to early Sept.
"Yellow" 6 very deep	DOTTED PICRADENIA	<i>Actinella</i> <i>scapósa</i> <i>Picradenia</i> <i>scapósa</i>	See page 294.		July, Aug.
"Yellow" 6 lighter	CROWN-BEARD	* <i>Actinómeris</i> <i>squarrósa</i>	See page 294.		Mid. July to late Aug.
"Yellow" 6	SILVERY MADWORT	<i>Alýssum</i> <i>argéntium</i> <i>A. alpestre</i>	See page 194.		June to early Aug.
"Yellow" 4	BEAKED MADWORT	* <i>Alýssum</i> <i>rostrátum</i> <i>A. Wierzbichii</i>	See page 194		Early June to early Aug.
"Yellow" 5	GOLDEN MARGUERITE	* <i>Anthemis</i> <i>Kéíwayi</i> <i>A. tinctoria</i> var. <i>Kéíwayi</i>	See page 194.		Mid. June to Oct.
"Yellow" 2, centre 6	GOLDEN MARGUERITE, ROCK CAMOMILE	* <i>Anthemis</i> <i>tinctoria</i>	See page 96.		Mid. May to Oct.
"Yellow" 3 & 2	GOLDEN-SPURRED COLUMBINE	** <i>Aquilegia</i> <i>chrysántha</i> <i>A. leptoceros</i> var. <i>c.</i>	See page 96		Late May to late Aug.
"Orange-yellow" 4	MOUNTAIN TOBACCO OR SNUFF	* <i>Arnica</i> <i>montána</i>	See page 294		July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow"	ITALIAN CANNA	** <i>Cánna</i> vars.	See page 357.		July to late Sept.
"Yellow" 6	WILD SENNA	* <i>Cássia Marylándica</i>	See page 295.		July, Aug.
"Yellow" 5	BLUE-LEAVED CENTAURY OR STAR THISTLE	<i>Centaurea glastifolia</i>	See page 295.		"
"Yellow" 5	SHOWY CENTAURY OR KNAPWEED	** <i>Centaurea macrocéphala</i>	See page 295.		Mid. July to Sept.
"Yellow" 6	HAIRY GOLDEN ASTER	<i>Chrysopsis villosa</i>	Rather coarse plant. Irregular clusters of aster-like flowers terminating leafy stalks. Suitable for wild garden. Prop. by seed and division. Blooms the first year from seed. Any garden soil. N. Amer. Var. <i>Rutteri</i> ; (color no. 6), larger than the species, 1-3 ft. high; blooms later and is desirable in the border.	1-2 ft. Sun	Aug.
"Yellow" 3	ERECT SILKY CLEMATIS	* <i>Clématis ochroleuca C. sericea</i>	See page 296.		July, Aug.
"Yellow" 6 paler	LARKSPUR TICKSEED	* <i>Coreopsis delphinifolia</i>	See page 296.		Mid. July to mid. Sept.
"Yellow" 5	LARGE-FLOWERED TICKSEED	** <i>Coreopsis grandiflora</i>	See page 196.		June to Sept.
"Yellow" 6	LANCE-LEAVED TICKSEED	** <i>Coreopsis lanceolata</i>	See page 196		"
"Yellow" 6 deeper	STAR TICKSEED	* <i>Coreopsis pubescens C. auriculata</i>	See page 296		Mid. July to late Sept.
"Clear yellow" 5	TALL TICKSEED	* <i>Coreopsis tripteris</i>	Vigorous branching plant with large, rayed flowers. Broad leaves divided into 3 parts. Showy in the border. Prop. by seed and division. Any soil. Central U. S. A. See page 296.	4-8 ft. Sun	Aug. Sept.
"Yellow" 6 paler	WHORLED TICKSEED	* <i>Coreopsis verticillata C. tenuifolia</i>	See page 296.		July, Aug.
"Yellow"	DAHLIA	** <i>Dáhlia</i> vars.	See page 359.		July to late Oct.
"Yellow" 4	LADY'S BEDSTRAW	<i>Galium verum</i>	See page 198.		June to Sept.
"Yellow" 5	YELLOW GENTIAN	<i>Gentiana lutea</i>	See page 299.		July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow"	SWORD LILY	** <i>Glađiolus</i> vars.	See page 365.		July to Oct.
"Yellow" 4	BROAD-LEAVED GUM-PLANT	<i>Grindelia squarrosa</i>	See page 198.		Late June to Sept.
"Yellow" 5 deeper	SNEEZE-WEED, FALSE OR SWAMP SUN-FLOWER	** <i>Helènium autumnale</i> <i>H. grandiflorum</i>	Striking plant. Daisy-like flowers with prominent yellow centres and drooping petals with 3-5 teeth. Valuable for back row of border or margin of shrubbery. Prop. by seed, division or cuttings. Moist rich soil, preferable. N. Amer.	2-5 ft. <i>Sun</i>	Aug. to late Sept.
"Yellow" bet. 5 & 6	LARGE-FLOWERED SNEEZE-WEED	** <i>Helènium autumnale</i> var. <i>grandiflorum</i>	Taller than the type with larger flowers of deeper color; deeper centres. See <i>H. autumnale</i> . N. Amer.	2-6 ft. <i>Sun</i>	Aug., Sept.
"Yellow" 6	DWARF SNEEZE-WEED	** <i>Helènium autumnale</i> var. <i>pumilum</i>	Dwarf variety, vigorous and free-flowering. Daisy-like flowers with prominent yellow centres and drooping petals. Good for cutting. See <i>H. autumnale</i> . N. Amer.	1-2 ft. <i>Sun</i>	"
"Yellow" 5	TALL SNEEZE-WEED	** <i>Helènium autumnale</i> var. <i>superbum</i> <i>H. grandiflorum</i> var. <i>superbum</i>	Vigorous plant. Flowers on leafy branching stalks, with bright reflexed petals, and protruding yellow centres. Suitable for shrubbery and mixed border and excellent for cutting. Prop. by seed, division or cuttings. Loam, rich and moist. N. Amer.	2-6 ft. <i>Sun</i>	"
"Yellow" 5	BIGELOW'S SNEEZE-WEED	* <i>Helènium</i> <i>Bigelovii</i>	See page 300.		July, Aug.
"Yellow" 6	BOLANDER'S SNEEZE-WEED OR SNEEZE-WORT	* <i>Helènium</i> <i>Bolanderi</i>	See page 198.		June to Sept.
"Yellow" 5	PURPLE-HEADED SNEEZE-WEED	* <i>Helènium nudiflorum</i> <i>Leptopoda brachypoda</i>	See page 300.		July to Oct.
"Yellow" 5	NARROW-LEAVED OR SWAMP SUN-FLOWER	<i>Heliánthus angustifolius</i>	An erect plant, slightly branching. Rayed flowers 2-3 in. broad, generally solitary. Dark green narrow leaves. Good in masses in shrubbery border. Prop. by division; divide every 2 years. Light, moist soil. Eastern States	2-6 ft. <i>Sun</i>	Aug. to Nov.
"Yellow" 5	THIN-LEAVED OR WILD SUN-FLOWER	* <i>Heliánthus decapetalus</i>	A profusion of large, rayed flowers terminating branching stems. Rough foliage. Good in shrubbery, or for naturalization in wild garden. Prop. by division; divided every 2 years. Dry soil, not too heavy. N. Amer.	2-5 ft. <i>Sun</i>	Aug. to late Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			Var. <i>multiflorus</i> ; ( <i>H. multiflorus</i> ), double flowers. Var. <i>multiflorus</i> var. <i>flore-pleno</i> , flowers almost completely double. Var. <i>multiflorus</i> var. <i>maximus</i> , single flowers, very large with pointed rays. <i>Soleil d'Or</i> , quilled petals; striking in border. Hort.		
"Yellow" 5 to 6 darker, centre dull	SHOWY SUN-FLOWER	<i>Heliánthus lætiflorus</i>	Numerous single flowers 2-4 in. across on wiry stems. Rough leaves. Good for cutting and in clumps in shrubberies. Gross feeder. Prop. by seed, division or cuttings. Loose dry soil. Central U. S. A.	4-8 ft. Sun	Aug. Sept.
"Yellow" 5	SMOOTH SUN-FLOWER	* <i>Heliánthus lævigatus</i>	Rather small flowers as produced abundantly on light graceful stems which are clothed with smooth leaves. Plant among shrubs. Prop. by division; divide every 2 years. Dry soil, not too heavy. S. Eastern U. S. A.	2-5 ft. Sun	Mid. Aug. to Oct.
"Yellow" 5	HAIRY SUN-FLOWER	** <i>Heliánthus mollis</i>	See page 300.		July, Aug.
"Yellow" 5	STIFF SUN-FLOWER	* <i>Heliánthus rigidus</i> <i>H. Missouriensis</i>	See page 300.		"
"Yellow" bet. 5 & 6	STIFF SUN-FLOWER MISS MELLISH	** <i>Heliánthus rigidus</i> var. "Miss Mellish"	Vigorous leafy plant with large graceful flowers. Desirable, isolated or massed in waste places. Prop. by division; divide every 2 years. Dry soil, not too heavy. Hort.	6 ft. Sun	Late Aug. Sept.
"Orange yellow" 6	PALE-LEAVED WOOD SUN-FLOWER	<i>Heliánthus strumōsus</i>	See page 300.		Mid. July to late Sept.
"Yellow" 5	WOOLLY SUN-FLOWER	<i>Heliánthus tomentōsus</i>	Large flowers with dull grayish centres, borne on stout branching stalks. Very large rough leaves. Plant among shrubs. Prop. by division; divide every 2 years. Dry soil, not too heavy. U. S. A.	4-9 ft. Sun	Late Aug. to late Sept.
"Yellow" 5	THROAT-WORT SUN-FLOWER	<i>Heliánthus trachelifolius</i>	See page 300.		Mid. July to early Sept.
"Yellow" 6	OXEYE, FALSE SUN-FLOWER	* <i>Heliópsis lævis</i> <i>H. helianthoides</i>	See page 300.		Mid. July to late Sept.
"Yellow" 6, centre 7	PITCHER'S OXEYE OR FALSE SUN-FLOWER	* <i>Heliópsis lævis</i> var. <i>Pitcheriāna</i> <i>H. P.</i>	See page 303.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	LESSER YELLOW MARSH OR DAY LILY	* <i>Hemerocallis minor</i> <i>H. graminea</i> , <i>H. graminifolia</i>	See page 303.		July, Aug.
"Yellow" 1	HOARY ROSE MALLOW	* <i>Hibiscus incanus</i>	Very similar to <i>H. Moscheutos</i> with large crimson-centred flowers like Hollyhocks, and pretty foliage which is whitish beneath. Needs slight protection. Suitable for back of border. Prop. by seed or cuttings. Rich moist soil. S. Eastern U. S. A.	3-5 ft. <i>Sun</i>	Aug., Sept.
"Yellow" 5	NARROW-LEAVED HAWK-WEED	<i>Hieracium umbellatum</i>	Flowers in umbels on erect stems well clothed with lance-shaped leaves. Border plant. Any ordinary soil. Northern N. Amer.; Kamtschatka; N. Asia; Europe.	1-2 ft. <i>Sun</i>	"
"Golden yellow" 5	SHAGGY HAWK-WEED	<i>Hieracium villösium</i>	See page 199.		June to mid. Aug.
"Yellow" 5	AARON'S BEARD, ROSE OF SHARON	<i>Hypericum calycinum</i>	See page 303.		July, Aug.
"Yellow" 5	KALM'S ST. JOHN'S WORT	** <i>Hypericum Kalmianum</i>	Shrub of somewhat twisted growth. Blossoms small in 3-7 flowered clusters. Narrow leaves, bluish tinted. Valuable as a foliage plant. Prop. by seed, cuttings or suckers. Prefers sandy loam. N. Amer.	2-4 ft. <i>Shade</i>	Aug.
"Yellow" bet. 5 & 6	GOLD FLOWER, ST. JOHN'S-WORT	** <i>Hypericum Moserianum</i>	See page 303.		July, Aug.
"Yellow" 5	SWORD-LEAVED ELECAMPANE	* <i>Inula ensifolia</i>	See page 303.		Mid. July to Sept.
"Deep yellow" 7	GLANDULAR FLEABANE OR INULA	* <i>Inula glandulosa</i>	See page 304.		July, early Aug.
"Yellow" 6	ELECAMPANE	* <i>Inula Helënum</i>	See page 304		Mid. July to late Aug.
"Yellow" 5	TUCK'S FLAME FLOWER	* <i>Kniphofia Tuckii</i>	See page 200		June to Sept.
"Yellow" 5	GRAY-HEADED CONE-FLOWER	* <i>Lépacchys pinnata</i> <i>Ratibida p.</i> , <i>Rudbeckia p</i>	See page 200.		June to mid. Sept



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 3	DALMATIAN TOADFLAX	* <i>Linària Dalmática</i>	See page 203		Early June to early July, late July to late Aug.
"Yellow" 6	GOLDILOCKS	<i>Linossýris vulgaris</i> <i>Chrysocòma Linossýris</i>	Showy plant of the Daisy order Profuse clusters of small flowers Border or rock-garden Prop by seed and division Any garden soil Europe	6-12 in Sun	Aug.
"Yellow" 3	BIRD'S-FOOT TREFOIL, BABIES' SLIPPERS	<i>Lòtus corniculàtus</i>	See page 203.		June to Oct.
"Bright yellow" 6 to 7	GOLDEN SPIDER LILY	<i>Lýcoris àurea</i> <i>Amarýllis àurea</i> , <i>Nerine àurea</i>	Large bright flowers in umbels. 3-4 in. in diameter, appearing before the sword-like gray-green foliage and deepening in color when mature Bulbous China	1-3 ft	Aug., Sept.
"Yellow" 3	LARGE-FLOWERED BIENNIAL EVENING PRIMROSE	* <i>Cenothèra biennis</i> var. <i>grandiflora</i> <i>C. Lamarckiana</i>	See page 204		June to Sept.
"Yellow" 3	FRASER'S EVENING PRIMROSE	** <i>Cenothèra glauca</i> var. <i>Fraseri</i> <i>C. Fraseri</i>	See page 204.		"
"Lemon yellow" 3	LINEAR-LEAVED EVENING PRIMROSE	<i>Cenothèra linearis</i> <i>C. fruticosa</i> var. <i>l.</i> , <i>C. riparia</i>	See page 204.		June to early Aug.
"Yellow" 3	MISSOURI PRIMROSE	** <i>Cenothèra Missouriensis</i> <i>C. macrocarpa</i> , <i>Megapterium M.</i>	See page 204		"
"Yellow" 5	TAURIAN GOLDEN DROP	<i>Onósma stellulatum</i> var. <i>Tauricum</i> <i>O. Tauricum</i>	See page 306		July, Aug.
"Pale yellow" 6	MANY-SPINED OPUNTIA	<i>Opúntia Missouriensis</i> <i>O. ferox</i> , <i>O. splendens</i>	See page 306.		"
"Yellow" 6	WESTERN PRICKLY PEAR	<i>Opúntia Rafinesquii</i> <i>O. mesacantha</i>	See page 306.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Dull yellow" 3 duller	BARBERRY FIG, COMMON PRICKLY PEAR	<i>Opuntia vulgaris</i> <i>O. Opuntia</i>	See page 207.		June to Sept.
"Yellow" 5 or 6 brilliant	ICELAND POPPY	** <i>Papaver nudicaule</i>	See page 35.		Late Apr. to July, late Aug. to Oct.
"Yellow" 3	SHRUBBY CINQUE-FOIL OR FIVE-FINGER	<i>Potentilla fruticosa</i>	See page 207.		June to Sept.
"Golden yellow" effect 7	HYBRID CINQUE-FOIL OR FIVE-FINGER	* <i>Potentilla</i> "Gloire de Nancy"	See page 208.		"
"Golden yellow" 5	BACHELOR'S BUTTONS	<i>Ranunculus acris</i> var. <i>flore-pleno</i>	See page 105		Mid. May to Sept.
"Yellow" 5	YELLOW OR CALIFORNIA CONE-FLOWER, WHORTLEBERRY-LEAVED KNOTWEED	* <i>Rudbeckia Californica</i>	An effective plant and the largest flowered species. Solitary daisy-like flowers 5 in. across, with prominent dark centres, on erect robust unbranching stems. Divide frequently. Prop. by seed and division. Any garden soil. Cal.	2-4 ft. <i>Sun or half shade</i>	Aug. to mid. Sept.
"Yellow" 5	LARGE-FLOWERING CONE-FLOWER	* <i>Rudbeckia grandiflora</i>	Solitary flowers with drooping rays and purplish disks, on erect branching stalks. Long oval pointed leaves. Effective in border. Ark.: S. Central U. S. A.	2-3½ ft. <i>Sun</i>	Late Aug. Sept.
"Yellow" 5	TALL OR GREEN-HEADED CONE-FLOWER	* <i>Rudbeckia laciniata</i>	See page 309.		Mid. July to late Aug.
"Yellow" bet. 5 & 6	GOLDEN GLOW	** <i>Rudbeckia laciniata</i> var. <i>flore-pleno</i>	See page 309		Late July to late Sept.
"Yellow" 5	LARGE CONE-FLOWER	* <i>Rudbeckia maxima</i>	Flowers 4-6 in. across. Long drooping petals. Purple cone-shaped centre, 1-2 in. high. Leaves grayish green. Needs slight protection. Prop. by seed, division or cuttings. Any garden soil. Ark. to Tex.	4-9 ft. <i>Sun or half shade</i>	Aug., Sept.
"Yellow" 6, brown centre	SHOWY CONE-FLOWER	<i>Rudbeckia speciosa</i> <i>R. aspera</i>	See page 309.		July, early Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" bet. 5 & 6	SWEET CONE-FLOWER	** <i>Rudbeckia subtomentosa</i>	Daisy-like flowers, petals fairly numerous, sometimes darker near the dull brown centre. Splendid border plant. Prop. by seed, division or cuttings. Any garden soil. Prairies, U. S. A.	3-5 ft. <i>Sun or shade</i>	Mid. Aug. to Oct.
"Deep yellow" 6	THIN-LEAVED CONE-FLOWER	** <i>Rudbeckia triloba</i>	See page 309.		July, Aug.
"Pale yellow" 2	JUPITER'S DISTAFF	* <i>Salvia glutinosa</i>	See page 310.		Mid. July to early Aug.
"Yellow" 3 pale	WEBB'S SCABIOUS OR PIN-CUSHION FLOWER	<i>Scabiosa ochroleuca</i> <i>S. Webbiana</i>	See page 208.		June to early Sept.
"Yellow" 5	AIZOON STONECROP	* <i>Sedum Aizoon</i>	See page 208.		Mid. June to mid. Aug.
"Golden yellow" 4	ORANGE STONECROP	* <i>Sedum Kamtschaticum</i>	See page 310.		July, Aug.
"Yellow" 2 greenish	STONE-HORE, STONE ORPINE, TRIP-MADAM	* <i>Sedum reflexum</i>	See page 310.		Early July to early Aug.
"Yellow" 4	CRESTED STONE-HORE, STONE ORPINE OR TRIP-MADAM	<i>Sedum reflexum</i> var. <i>cristatum</i> <i>S. monstruosum</i> , <i>S. robustum</i>	See page 310.		"
"Yellow"	HENS-AND-CHICKENS, HOUSELEEK	* <i>Sempervivum globiferum</i> <i>S. soboliferum</i>	See page 310		July, Aug.
"Yellow" 2 deep	HEUFFEL'S HOUSELEEK	* <i>Sempervivum Heuffelii</i>	Evergreen plant. Somewhat bell-shaped flowers. Reddish succulent foliage in rosettes with fringed edges. Excellent foliage plant for rock-garden and walls. Prop. by offsets. Any sandy soil. Transylvania; Greece.	6-8 in. <i>Sun</i>	Aug.
"Pale yellow" 2 bright	HAIRY HOUSELEEK	* <i>Sempervivum hirtum</i>	See page 310.		July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	DORIAN GROUND-SEL OR RAGWEED	Senecio Doria	See page 313.		July, Aug.
"Yellow" 5	ROUGH ROSINWEED	Silphium asperillum	See page 313.		July to early Sept.
"Yellow" 5	COMPASS PLANT, PILOT WEED	**Silphium laciniatum	See page 313.		Mid. July to mid. Sept.
"Yellow" 6 lighter	CUP PLANT, INDIAN CUP	*Silphium perfoliatum	See page 313.		"
"Yellow" 5	PRAIRIE DOCK	*Silphium terebinthinaceum	Rather coarse-growing plant bearing many small blossoms like Sunflowers. Rough leaves about a foot long rise from the base. Effective in wild gardens or shrubbery. Prop. by seed and division. Any garden soil. Prairies, N. Amer. Var. <i>pinnatifidum</i> has deeply divided leaves.	6-8 ft. Sun	Mid. Aug. to late Sept.
"Yellow" 6 lighter	WHORLED ROSINWEED	Silphium trifoliatum	See page 313.		Mid. July to mid. Sept.
"Yellow" 5 to 6	GOLDEN-ROD	*Solidago	See page 313.		Late July to early Oct.
"Yellow" 2	FALSE RHUBARB, FEN RUE	Thalictrum flavum	See page 313.		July, Aug.
"Yellow"	CROCUS-FLOWERED BLAZING STAR	**Tritonia crocosmæ-flora vars. <i>Montbretia c.</i>	See page 314.		July to Oct.
"Yellow" 6	YELLOW HORNED VIOLET OR BEDDING PANSY	**Viola cornuta var. <i>lutea major</i>	See page 35.		Late Apr. until frost
"Yellow orange" 9	GOLDEN PERUVIAN LILY	*Alstroemeria aurantiaca <i>A. aurea</i>	See page 317.		July, Aug.
"Red orange" shading 10 to 12	BUTTERFLY WEED, PLEURISY ROOT	**Asclepias tuberosa	See page 317.		Early July to early Aug.
"Orange" 13	BLACK-BERRY OR LEOPARD LILY	*Belemcanda Chinensis <i>B. punctata, Pardanthus C., P. Sinensis, Ixia Chinensis</i>	See page 317		July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Orange" 7	DOUBLE ORANGE DAISY	* <i>Erigeron aurantiacus</i>	See page 317.		July, Aug.
"Orange" 5 & 14	STRIPED SNEEZE-WEED	* <i>Helënum autumnale</i> var. <i>striatum</i>	Daisy-like flowers, with drooping yellow petals marked with deep crimson, and prominent centres, gold and purple. Good for cutting. Back row of border or margin of shrubbery. Prop. by seed, division or cuttings. Moist rich soil preferable. N. Amer.	4-5 ft. Sun	Aug., Sept.
"Orange" 6 tinged 20	STRIPED PURPLE-HEADED SNEEZE-WEED	** <i>Helënum nudiflorum</i> var. <i>grandicëphalum</i> <i>striatum</i>	Larger flowers than the type, 2 in. across; drooping yellow petals blotched with crimson. Distinctive border plant. Prop. by seed, division or cuttings. Moist rich soil preferable. Hort.	3-4 ft. Sun	Aug.
"Orange" 10 deeper	ORANGE DAY LILY	* <i>Hemerocallis aurantiaca</i>	See page 317.		July, early Aug.
"Tawny orange" 14 brighter	BROWN DAY LILY, MAHOGANY LILY	<i>Hemerocallis fulva</i> <i>H. disticha</i>	See page 318.		"
"Orange" 12	ORANGE HAWK-WEED	<i>Hieracium aurantiacum</i>	See page 211.		June to Oct.
"Scarlet orange" effect 12 brighter	EVER-BLOOMING FLAME FLOWER	** <i>Kniphofia Pfitzerii</i>	Handsome plant. Most profuse and continuous in bloom of all the Kniphofias. Spikes, 12 in. long, of rich orange-scarlet flowers salmon-rose at the edge. Good for cutting. Protect in winter. Striking massed among tropical plants against dense background. Prop. by division. Any well-drained soil. Hort.	3-4 ft. Sun or half shade	Early Aug. to early Oct.
"Apricot" 10 pinker	SHINING THUNDER-GIAN LILY	* <i>Lilium elegans</i> var. <i>fulgens</i> <i>L. f.</i> , <i>L. Batemannia</i> , <i>L. sanguineum</i>	See page 318.		Mid. July to early Aug.
"Salmon orange" bet. 16 & 8	DR. HENRY'S LILY	* <i>Lilium Henryi</i>	A plant recently introduced and unconventional in habit, somewhat like <i>L. speciosum</i> . Flowers dotted with red-brown, in flat loose clusters. Thick foliage. Effective massed in border or on margin of Rhododendron bed. Bulbous. Prop. by offsets or scales. Light peaty soil. Avoid direct contact with manure. China.	5-6 ft. Half shade	Aug., Sept.
"Reddish orange" 12 redder	WILD ORANGE-RED OR PHILADELPHIA LILY	* <i>Lilium Philadelphicum</i>	See page 318.		July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Reddish orange" bet. 19 & 20	AMERICAN TURK'S CAP LILY	** <i>Lilium superbum</i>	See page 321.		Early July to early Aug.
"Orange" 12 redder	TIGER LILY	** <i>Lilium tigrinum</i>	See page 321.		Mid. July to Sept.
"Deep orange" bet. 12 & 17	ORANGE ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>aurantiacum</i>	See page 36.		Late Apr. to July, late Aug., Sept.
"Deep orange" bet. 12 & 17	SMALL ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>miniatum</i>	See page 36		Late Apr. to July, mid. Aug. to Oct
"Orange" 11	RUSSELL'S CINQUE-FOIL OR FIVE-FINGER	<i>Potentilla Russeliæna</i>	See page 321.		July, Aug.
"Orange" 7, centre 21 dark	ORANGE CONE-FLOWER	* <i>Rudbeckia fulgida</i>	Small daisy-like flowers, rays yellow or orange, centres black. Prop. by seed, division or cuttings. Grows in dry soil. Penn. to the Mississippi and South.	1-2½ ft. Sun or half shade	Mid. Aug. to early Oct.
"Orange" 6 to 18	POTTS' BLAZING STAR	** <i>Tritonia Pottsii</i> <i>Montbrètia P.</i>	See page 321.		July to Oct.
"Red" 27	RED YARROW OR MILFOIL	* <i>Achillea Millefolium</i> var. <i>rubrum</i>	See page 321.		Mid. July to mid. Sept.
"Purple crimson" bet. 41 & 42	WESTERN SILKY OR SILVERY ASTER	* <i>Aster sericeus</i> <i>A. argenteus</i>	Pretty dwarf kind. Flowers about 1½ in. across, solitary on the branchlets. Leaves silvery and silky. Does well under trees and in the border. Prop. by division. Well-drained soil. Central U. S. A.; Tex.; N. Amer.	1-2 ft. Sun or shade	Late Aug. to early Oct.
"Violet crimson" 27 bright	PURPLE POPPY MALLOW	* <i>Callirhoe involucrata</i>	See page 212.		June to Sept.
"Red"	FRENCH OR CROZY CANNA	** <i>Canna</i> vars.	See page 357.		July to late Sept.
"Red"	ITALIAN CANNA	** <i>Canna</i> vars.	See page 358.		"
"Maroon" near 33	DARK PURPLE KNAPWEED	<i>Centaurea atropurpurea</i>	See page 212.		June to Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purplish red" 33 & 32	LYON'S TURTLE HEAD	* <i>Chelone</i> <i>Lyoni</i>	Forms thick clumps. Flowers in dense showy spikes terminate stalks clothed with deep green glossy foliage. A profuse bloomer. Excellent border plant. Prop. by seed, division in the spring, or by cuttings. Any garden soil, preferably rich. S. Eastern U. S. A.	2 ft. <i>Half shade</i>	Aug.
"Deep rose" 34 lighter	RED TURTLE HEAD	* <i>Chelone</i> <i>obliqua</i> <i>C. purpurea</i>	Less vigorous than <i>C. Lyoni</i> , but of a finer color. Flowers in showy spikes terminate leafy stalks. Excellent border plant. There is a good white var. Prop. by seed, division in the spring, or by cuttings. Any rich garden soil. S. Eastern U. S. A.	1 1/2 ft. <i>Half shade</i>	"
"Red"	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		July to late Oct.
"Orange scarlet" 18 more orange	SOUTHERN SCARLET LARKSPUR	* <i>Delphinium</i> <i>cardinale</i>	See page 322.		July, Aug.
"Crimson" 33	SEROTIN'S PURPLE CONE- FLOWER	* <i>Echinacea</i> <i>purpurea</i> var. <i>serotina</i> <i>E. intermedia</i>	See page 322.		"
"Orange scarlet"	CHILOE AVENS	* <i>Gium</i> <i>Chiloense</i> <i>G. coccineum</i> , (Hort.)	See page 213.		Late June to early Aug.
"Red"	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365.		July to Oct.
"Red" 26 brilliant	CORAL OR CRIMSON BELLS	** <i>Heuchera</i> <i>sanguinea</i>	See page 213.		June to late Sept.
"Bright red" 18	BULB- BEARING LILY	* <i>Lilium</i> <i>bulbiferum</i>	See page 323.		July, Aug.
"Orange red" bet. 19 & 20	CAROLINA LILY	<i>Lilium</i> <i>superbum</i> var. <i>Carolinianum</i> <i>L. Carolinianum</i>	A pretty Lily though not so effective as the type. Dwarf var. with 1-3 delicate broad flat flowers having pointed petals spotted within with black and marked with yellow. Broader foliage than the type. Plant in quantity in the border or edge of shrubbery. Bulbous. Prop. by offsets and scales, or very slowly by seed. Any well-drained soil. Avoid direct contact with manure. S. Eastern U. S. A.	2-3 ft. <i>Sun or half shade</i>	Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Crimson" 20 bright & rich	CARDINAL FLOWER, INDIAN PINK	** <i>Lobelia</i> <i>cardinalis</i>	A favorite native of beautiful color. Brilliant flowers in spikes on erect unbranching stems. Leaves narrow mostly on lower part of stalk. Naturalize near water or plant preferably in shaded border. Prop. by seed, division or green-wood cuttings. Resows itself. Rich soil, preferably moist. Wet places in Eastern N. Amer.	2-4 ft. <i>Sun or shade</i>	Aug. to mid. Sept.
"Scarlet" 33 warmer	SHINING CARDINAL FLOWER	* <i>Lobelia</i> <i>fulgens</i> <i>L. formosa</i> <i>L. cardinalis</i> (Hort.)	See page 323.		July, Aug.
"Red" 11, 17 & 18 brilliant	SHAGGY LYCHNIS	* <i>Lychnis</i> <i>Haageana</i>	See page 217		Early June to early Aug.
"Red" 24 redder	BLOOD-RED AMARYLLIS	<i>Lycoris</i> <i>sanguinea</i>	See page 324.		July, Aug.
"Rosy red" 18	HALL'S AMARYLLIS	* <i>Lycoris</i> <i>squamigera</i> <i>Amaryllis</i> <i>Hallii</i>	See page 324		"
"Scarlet" 18 duller	SCARLET MONKEY FLOWER	* <i>Mimulus</i> <i>cardinalis</i>	See page 217.		June to Sept.
"Red" 20 lighter, centre 21 redder	OSWEGO TEA, BEE OR FRAGRANT BALM	** <i>Monarda</i> <i>didyma</i>	See page 217.		Mid. June to early Sept.
"Scarlet" 18	TORREY'S BEARDED PENT- STEMON	** <i>Pentstemon</i> <i>barbatus</i> var. <i>Torreyi</i> <i>P. Torreyi</i>	See page 325		Early July to early Aug.
"Purple-red" 41 deeper	HART- WEG'S LARGE- FLOWERED HYBRID PENT- STEMON	<i>Pentstemon</i> <i>gentianoides</i> <i>hybrida</i> <i>grandiflora</i> <i>P. Hartwegi</i> <i>hybrida g.</i>	See page 218.		June to Sept.
"Red"	PERENNIAL PHLOX	** <i>Phlox</i> <i>paniculata</i> vars. <i>P. decussata</i>	See page 370.		July to Oct.
"Vermilion" 18 redder	CAPE FUCHSIA	* <i>Phygælius</i> <i>capensis</i>	See page 325.		July, Aug.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Red"	ALKE-KENGI STRAW-BERRY, TOMATO, WINTER OR BLADDER CHERRY	Phýsalis Alkekengi	See page 325.		Fruit July to late Oct.
"Red"	CHINESE LANTERN PLANT	*Phýsalis Franchétti <i>P. Alkekengi</i> var. <i>Franchétti</i>	See page 325		"
"Red"	HYBRID CINQUE-FOIL DOUBLE VARS.	Potentilla hybrida vars.	See page 221		June to Sept.
"Deep red" 20, 4 inside	PINK ROOT, WORM GRASS	*Spigèlia Marylándica	See page 222.		Late June to early Aug
"Red" 26 deep	TARTARIAN SEA LAVENDER	*Státice Tatárica <i>S. Besseriána</i> , <i>S. incána</i> var. <i>hybrida</i>	Broadly branching plant bearing dainty spikelets of blossoms good for cutting. From the base of the plant rises a clump of large leathery leaves. Effective in rock-garden or border. Prop. by seed in the spring. Loose soil preferable. Tartary.	1-2 ft. Sun	Early Aug. to early Sept.
"Bright red"	RED SPIDER-WORT	Tradescántia Virginiána var. <i>coccínea</i>	See page 117		Late May to late Aug.
"Orange scarlet" often 16 pinker	CROCUS-FLOWERED BLAZING STAR	*Tritònia crocosmæfídra <i>Montbrètia c</i>	See page 326		July to Oct.
"Bright red" some-times 29	REDDISH BLAZING STAR	*Tritònia ròsea <i>Montbrètia ròsea</i>	See page 326		July, Aug.
"Ver-milion" 18 redder	CALIFORNIA FUCHSIA, HUMMING-BIRD'S TRUMPET	*Zauschnèria Califórnicá	Rather sprawling plant, requiring close setting for compact growth. Its numerous bell-shaped blossoms are effective in the rock-garden. Give sheltered position and protect in winter. Prop. by seed, division or cuttings. Light sandy loam. Cal. to Wyoming and Mexico.	3-2 ft Sun	Late Aug., Sept.
"Light pink" 22 pale	CHINESE GOAT'S BEARD	**Astífbe Chinénsis	See page 329.		July, early Aug.
"Rose" 29 lighter & duller	EVAN'S BEGONIA	Begònia Evansiána <i>B. discolor</i> , <i>B. grandis</i>	See page 329.		July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 37 pinker	HEATHER, LING, HEATH	* <i>Calluna vulgaris</i> <i>Erica vulgaris</i>	See page 329.		July, Aug.
"Pur- plish pink" 27	HOARY CEDRO- NELLA	* <i>Cedronella cãna</i>	See page 223.		June to Sept.
"Deep pink" 31	WHITENED KNAPWEED	<i>Centaurea dealbata</i>	See page 223.		Late June to early Aug.
"Pur- plish rose" 36 deep	SMALL ROSE OR PINK TICKSEED	* <i>Coreopsis rosea</i>	See page 223.		June to Sept.
"Pink" 39	CROWN VETCH	<i>Coronilla varia</i>	See page 223.		"
"Pink" 29	CROSS- WORT, FOETID CRUCIAN- ELLA	* <i>Crucianella stylôsa</i>	See page 224.		"
"Pink etc."	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		July to late Oct.
"Ma- genta pink" 23	CINNAMON PINK	** <i>Diãnthus cinnabarinus</i>	See page 330.		July, Aug.
"Pink" 25, 27, 28, 33, 34, 35	BROAD- LEAVED PINK	** <i>Diãnthus latifolius</i>	See page 224.		June to Sept.
"Pur- plish" pink 29	PALE PURPLE CONE FLOWER	* <i>Echinacea angustifolia</i> <i>Brauneria pallida</i>	See page 330.		July, Aug.
"Pur- plish pink" bet. 32 & 39, centre 13 & 20	PURPLE CONE- FLOWER, BLACK SAMPSON	** <i>Echinacea purpurea</i> <i>Rudbeckia p.</i>	See page 330.		"
"Shell pink" bet. 24 & 17	HEDGE-HOG THISTLE, SIMPSON'S CACTUS	<i>Echinocactus Simpsoni</i>	See page 227.		June to Sept.
"Ma- genta" 40	GREAT WILLOW HERB, FIRE WEED, FRENCH WILLOW	<i>Epilobium angustifolium</i> <i>Camænerion angustifolium</i>	See page 228.		June to early Aug.
"Pink"	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365.		July to Oct.



SHOWY SEDUM. *Sedum spectabile.*



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 22 light	MANY- PAIRED FRENCH HONEY- SUCKLE	Hedýsarum multijugum	See page 228.		June to early Aug.
"Pink" 22 very pale, centre 33	HALBERT- LEAVED ROSE MALLOW	*Hibiscus militáris <i>H. Virginicus</i>	Vigorous plant. Flowers, pale pink or white, with purple centres, 4-5 in. wide. Leaves heart-shaped, downy beneath. Border. Prop. by seed. Any garden soil, preferably sandy and rich. S. Eastern U. S. A.	2-6 ft. <i>Sun or half shade</i>	Aug., early Sept.
"Rose" 36, centre 33	SWAMP ROSE, ROSE MALLOW	*Hibiscus Moscheutos <i>H. palústris</i>	Vigorous plant. One of the best kinds. Native along the coast. Flowers, 4-8 in. across, like those of the Hollyhock, usually light rose with purple eye. Also a white var. Large effective foliage. Handsome in groups in the border or along edge of shrubbery. Winter mulch desirable. Any good loam, preferably sandy. Swamps, Eastern U. S. A.	3-5 ft. <i>Sun or half shade</i>	Aug., Sept.
"Pink"	JAPANESE LILY	*Lilium Japónicum	See page 331.		July, Aug.
"Pink" 36 spotted 27	SPOTTED LILY	**Lilium speciosum <i>L. lancifó- lium</i>	White flowers in broad panicles with twisted and reflexed petals suffused with pink and spotted with red. Graceful foliage. Effective massed in the border. Bulbous. Prop. by offsets or scales. Light well-drained soil. Avoid direct contact with manure. Japan. Var. <i>album</i> , ( <i>L. præcox</i> ), usually has pure white fragrant flowers. Hort.	2-4 ft. <i>Sun or half shade</i>	Aug., Sept.
"Pink" white & 23	HANDSOME MELPO- MENE LILY	**Lilium speciosum var. Melpómene	Bright flowers heavily spotted with crimson-pink and margined with white, droop in broad clusters. Effective massed in the border. Bulbous. Prop. by offsets or scales. Any well-drained soil. Avoid direct contact with manure. Japan.	2-4 ft. <i>Sun or half shade</i>	"
"Reddish pink" white & 26 deeper	HANDSOME RED LILY	**Lilium speciosum var. rubrum	The best variety, more vigorous than the type. Clusters of drooping flowers charming in shape and beautiful in color. Graceful leaves. Very effective in masses. Bulbous. Prop. by offsets or scales. Any well-drained soil. Avoid direct contact with manure. Japan. See Plate, page 400.	2-4 ft. <i>Sun or half shade</i>	"
"Deep rose" 29	ALCEA MALLOW	*Málva Alcèa	See page 229.		June to Sept.
"Rose" 38 more violet	MUSK MALLOW	*Málva moschàta	See page 332		July to early Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rose" 38 to 27	BELL-FLOWERED PENTSTEMON	* <i>Pentstemon campanulatus</i> <i>P. angustifolius</i> , <i>P. atropurpureus</i>	See page 332.		July, Aug.
"Rose" often 45 lighter	SHRUBBY SMOOTH-LEAVED PHLOX	* <i>Phlox glaberrima</i> var. <i>suffruticosa</i> <i>P.s.</i> , <i>P. nitida</i>	See page 231.		June to early Aug.
"Pink"	PERENNIAL PHLOX	** <i>Phlox paniculata</i> vars. <i>P. decussata</i>	See page 370		July to Oct.
"Light pink" 38 & paler	DOUBLE BOUNCING BET	<i>Saponaria officinalis</i> var., <i>fiore-pleno</i>	See page 333.		July to Sept.
"Rose" 27	AUTUMN SQUILL, STARRY HYACINTH	* <i>Scilla autumnalis</i>	See page 333.		Late July to Oct.
"Flesh-color" 36	PINK HYACINTH SQUILL	** <i>Scilla hyacinthoides</i> var. <i>rosea</i> <i>S. parviflora</i> var. <i>rosea</i>	Bell-shaped flowers in panicles, blooming in profusion. Very long and narrow foliage. Charming in border and rock-garden. Bulbous. Soil enriched with manure. Mediterranean Region.	1-1½ ft. <i>Half shade</i>	Aug.
"Pink"	LYDIAN STONECROP	<i>Sedum</i> <i>Lydium</i>	Small, compact, turf-like evergreen. Flowers very small. Succulent greenish foliage tipped with red. Good for covering bare spots or for edging. Prop. by division. Dry soil. Asia Minor.	3-6 in. <i>Sun</i>	Aug., Sept.
"Pink" 38 lighter	SIEBOLD'S STONECROP	* <i>Sedum Sieboldii</i>	An evergreen with spreading branches. Flowers in dense clusters. Glaucous leaves, bluish, almost gray, with edges slightly pink. Good for the border or rock-garden. Prop. by division or cuttings. Japan. Var. <i>variegatum</i> , ( <i>S. variegatum</i> ), grayish variegated foliage. Japan.	9 in. <i>Sun</i>	Aug. to mid. Sept.
"Rose" 38 or 32 lighter	SHOWY SEDUM	** <i>Sedum spectabile</i> <i>S. Fabaria</i>	Distinctive and one of the best Sedums. Flowers in large showy clusters, sometimes purplish or whitish, surmounting leafy stems. Foliage grayish. Very hardy. Good in masses. Prop. by division. Ordinary garden soil. Japan. See Plate, page 399. Var. <i>variegatum</i> , variegated foliage.	1½-2 ft. <i>Sun</i>	Late Aug. to mid. Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple-pink" 32	PURPLE STONECROP	* <i>Sedum stoloniferum</i> <i>S. spurius</i>	See page 333.		Mid. July to early Aug.
"Pink" 23 dull	ORPINE, LIVE-FOREVER	* <i>Sedum Telephium</i>	See page 334.		July, Aug.
"Rose pink" 38	AUTUMN CATCHFLY	<i>Silene Schäfta</i>	See page 233.		June to Sept.
"Purple-rose" 37	AMERICAN GERMANDER, WOOD SAGE	<i>Teucrium Canadense</i> <i>T. Virginicum</i>	See page 334.		Late July to late Aug.
"Purple"	BROAD-LEAVED ACANTHUS	** <i>Acánthus mollis</i> var. <i>latifolius</i> <i>A. l.</i> , <i>A. Lusitanicus</i>	See page 337.		July, Aug.
"Deep purple" 49 darker	WILD MONKS-HOOD	** <i>Aconitum uncinatum</i>	See page 233.		Mid. June to Sept.
"Purple" 47	GLAND BELL-FLOWER	* <i>Adenóphora Lamárckii</i>	See page 234.		June to Sept.
"Purple"	JAPAN STAR GRASS	<i>Áletris Japónica</i>	See page 337.		July, Aug.
"Purple" 46	BESSARABIAN ASTER	* <i>Áster Améllus</i> var. <i>Bessarábicus</i> <i>A. Bessarábicus</i>	One of the most beautiful of the dwarf Asters. Very graceful. Large flowers in abundance; orange centres. Good for cutting. Var. <i>elegans</i> , similar, with darker flowers. Plant in shrubbery, wild garden or border. Prop. by seed and division. Ordinary soil. Europe.	2 ft. Sun	Aug., Sept.
"Violet" 47	RUSH ASTER	* <i>Áster júnceus</i>	See page 337.		July to early Sept.
"Violet" bet. 46 & 47	SAVORY-LEAVED ASTER	* <i>Áster linariifolius</i> <i>Diplopappus linariifolius</i>	See page 337.		July to Oct.
"Violet" 44 pale	LINDLEY'S ASTER	* <i>Áster Lindleyanus</i>	Flowers with brownish centres rather showy and abundant. Stems stout and erect, branching at top. Good for open position in wild garden. Prop. by seed and division. Ordinary soil. Eastern States.	1-3 1/2 ft. Sun	Aug. to early Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 48 redder	NEW ENGLAND ASTER OR STARWORT	** <i>Aster Nòvæ Angliæ</i>	Perhaps the most beautiful and conspicuous of the tall Asters. Flowers originally rich violet (color no. 46 lighter), with yellow centres, but varieties include <i>albus</i> , white; <i>roseus</i> (color no. 47 redder), deep rose-colored; <i>ruber</i> (color no. bet. 40 & 41). Striking in the shrubbery or border or to naturalize. Prop. by seed and division. Grows readily in ordinary soil, preferably moist. New England. See Plate, page 405.	3-7 ft. <i>Sun</i>	Mid. Aug. to late Sept.
"Pale violet"	ARROW-LEAVED ASTER	<i>Aster sagittifolius</i>	See page 337.		July, Aug.
"Violet" 47	SIBERIAN ASTER OR STARWORT	* <i>Aster Sibiricus</i>	Pretty and hairy. Single terminal flowers. Foliage rather broad and long. Good for the rock-garden. Prop. by seed and division. Europe; Rocky Mts.	1 ft. or less <i>Sun</i>	Aug., Sept.
"Purple" 49	LOW SHOWY OR SEASIDE PURPLE ASTER	* <i>Aster spectabilis</i>	Beautiful flowers with light yellow centres. Long and narrow foliage. Good border plant. Coast, Mass. to Del.	2 ft. <i>Sun or half shade</i>	Late Aug. to mid. Sept.
"Pinkish lavender" 43 pinker	BROAD-SCALED BOLTONIA	** <i>Boltonia latifolia</i>	See page 337.		Late July to Oct.
"Pale purple" 44	CUT-LEAVED CALIMERIS	* <i>Calimeris incisa</i> <i>Aster incisus</i> , <i>Boltonia incisa</i>	See page 338		July, Aug.
"Violet" 47 shading darker	CARPATIAN HAIRBELL	** <i>Campánula Carpatica</i>	See page 235.		Late June to late Aug.
"Pale blue violet" 44 deep	GARGANO HAIRBELL	* <i>Campánula Garganica</i>	See page 128.		May to Sept.
"Violet" 47 lighter or darker	CREeping OR EUROPEAN BELL-FLOWER	* <i>Campánula rapunculoides</i>	See page 338.		July, Aug.
"Violet" 47 shading to 49	ENGLISH HAIRBELL, BLUE BELLS OF SCOTLAND	** <i>Campánula rotundifolia</i>	See page 238.		June to late Aug.
"Purplish" 48	COVENTRY BELLS, BLUE FOXGLOVE	* <i>Campánula Trachelium C. uticifolia</i>	See page 339.		Mid. July to mid. Aug.





NEW ENGLAND ASTER. *Aster Nova Anglia.*



STOKES' ASTER. *Stokesia cyanca*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Violet" 47	BLUE SUCCORY OR CUPIDONE	* <i>Catanánche cærùlea</i>	See page 239.		June to Sept.
"Purple" 46 shading to 39	MOUNTAIN BLUET OR KNAPWEED	** <i>Centaurea montana</i>	See page 239.		"
"Purple" 37 deeper	MEADOW SAFFRON	** <i>Cólichicum autumnale</i>	Clusters of crocus-like flowers appear after the large coarse foliage which dies in June. Protect in winter. Plant thickly in Aug. or early Sept. and where the exposed flowers get the support of other foliage or in grass which is not mown early. Do not disturb unless flowers deteriorate; then separate after the leaves die. Bulbous; can also be sown from seed. Rich light soil. White, striped and also double vars. Europe.	3-4 in. <i>Sun or half shade</i>	Aug., Sept.
"Purple" 48	MARYLAND DITTANY	* <i>Cunila Mariàna</i>	Plant of tufted habit. Profusion of small flowers in clusters. Heart-shaped leaves, 1 in. long. Neat plant for sunny border or wild garden. Middle U. S. A.	1 ft. <i>Sun</i>	"
"Purple" 48	DAHLIA	** <i>Dáhlia</i> vars.	See page 359.	•	July to late Oct.
"Lilac" 43 darker	FRINGED PINK	* <i>Diánthus supérbus</i>	See page 339.		July, early Aug.
"Light purple"	GLANDULAR STORK'S OR HERON'S BILL	<i>Eròdium macradènum</i> <i>E. glandulòsum</i>	See page 240.		June to Sept.
"Pale lilac" 47 pale	LANCE-LEAVED DAY OR PLANTAIN LILY	** <i>Fúnkia lancifòlia</i> <i>F. Japónica</i>	See page 340		Late July to early Sept.
"Lilac purple" 43	GOAT'S RUE	<i>Galèga officinàlis</i>	See page 240		June to Sept.
"Purple" 42	WALLICH'S CRANESBILL	<i>Gerànium Wallichianum</i>	See page 241		"
"Bluish purple" 49	HYSSOP	<i>Hýssopus officinàlis</i>	See page 241		Mid. June to mid. Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Violet" 55	COMMON LAVENDER	<i>Lavándula Spica</i>	Fragrant woolly sub-shrub, whiter and of lower and more compact habit than <i>L. vera</i> ; flowers in shorter, denser spikes. Slight protection necessary. An old favorite on account of its fragrance. Border. Prop. by young wood cuttings. Light, rich, open soil. S. Europe.	1-2 ft. <i>Sun</i>	Late Aug. to mid. Sept.
"Violet" bet. 47 & 49	TRUE LAVENDER	<i>Lavándula vera</i>	See page 341.		Mid. July to Sept.
"Purple" 33 bluer	TWO-FLOWERED BUSH CLOVER	<i>Lespedeza bicolor</i> <i>Desmodium penduliflorum</i>	Graceful shrub. Pea-shaped flowers in racemes which branch out from the main stalk. Small round leaves. Ornamental in border and edges of shrubbery. Prop. by seed and division. Japan; N. China.	6-10 ft. <i>Sun or half shade</i>	Early Aug. to early Oct.
"Purple" 32	CYLINDRIC BLAZING STAR	* <i>Liàtris cylindràcea</i> <i>Lacinària cylindràcea</i>	Resembles <i>L. squarrosa</i> though more of a dwarf plant. Wild garden or border. Prop. by seed sown in autumn or by offsets. Rich soil preferable. Western N. Y. and West.	1 ft. <i>Sun or half shade</i>	Aug.
"Purple" 39 very bright & clear	HANDSOME BLAZING STAR	* <i>Liàtris elegans</i> <i>Lacinària elegans</i>	See page 341.		Early July to mid. Aug.
"Purple" 46	LOOSE-FLOWERED BUTTON SNAKE-ROOT	* <i>Liàtris graminifolia</i> <i>Lacinària graminifolia</i>	See page 341.		July to Oct.
"Purple" 42 lighter	DENSE-SPIKED BLAZING STAR	** <i>Liàtris pycnostachya</i>	Flowers in dense spikes continuing in bloom for a long time. Thick grass-like foliage. Good in masses in the border. Prop. by seed or division. Rich soil is best. Central U. S. A.	3-5 ft. <i>Half shade</i>	Aug. to mid. Sept.
"Dark lavender" 47	SCARIOUS BLAZING STAR	** <i>Liàtris scariòsa</i>	Tubular flowers in large, lax spikes on stout whitish stalks. Foliage lance-shaped. Effective in masses. Prop. by seed and division. Rich soil preferable. Canada; U. S. A.	1-5 ft. <i>Sun</i>	Aug. Sept.
"Deep purple" 46	DENSE BUTTON SNAKE-ROOT, GAY FEATHER	** <i>Liàtris spicata</i> <i>Lacinària spicata</i>	See page 341.		Mid. July to early Sept.
"Magenta purple" 45 more purple	COMMON BLAZING STAR, COLIC-ROOT	* <i>Liàtris squarrosa</i> <i>Lacinària squarrosa</i>	Flowers showy, in few heads. Foliage somewhat grass-like. Mass in wild garden or border. Prop. by fall-sown seed or by offsets. Easily cultivated in any light, though preferably rich soil. Penn., S. and W.	1-2 ft. <i>Sun or shade</i>	Aug., early Sept

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Lilac" 47 light	KENIL- WORTH IVY, MOTHER- OF-THOU- SANDS	Linària Cymbalària	See page 242		June to Sept.
"Bluish purple" 44 duller	HIMA- LAYAN LUNGWORT	*Lindeldña spectabilis	See page 341		Early July to early Aug. July, Aug.
"Light purple" 44	REQUIEN'S PENNY- ROYAL	Méntha Requiení	See page 342.		"
"Pur- plish" 39	SPEAR- MINT	Méntha spicàta <i>M. viridis</i>	See page 342.		"
"Violet" 47 tinged 46	MUSSIN'S CATMINT	Népeta Mussini <i>N. longifolia</i>	See page 342		"
"Purple" 47 deep	SCOTCH THISTLE	Onopórdon Acánthium	See page 342.		"
"Lilac" 43	SNAKE'S BEARD	Ophiopògon Jabùran	See page 342.		"
"Pale lilac" 43	GIANT BELL- FLOWER	*Ostrówska magnífica	See page 342.		"
"Deep violet"	VIOLET PRAIRIE CLOVER	Petalostèmon violàceus <i>Kuhnistera purpurea</i>	See page 245.		June until frost
"Lilac purple"	PERENNIAL PHLOX	**Phlóx paniculàta vars. <i>P. decussata</i>	See page 370.		July to Oct.
"Bluish violet" bet. 46 & 47	BELL- FLOWERED HORNED RAMPION	*Phyteùma campanuloides	See page 343.		July, Aug.
"Bluish purple" near 50	SMALL OR LILAC- FLOWERED SCABIOUS	Scabiòsa Columbària	See page 246		June to Oct.
"Purple" 49	MOUNTAIN SKULLCAP	*Scutellària alpina	See page 343		Early July to late Sept. July, Aug.
"Rosy purple" 40	PRETTY GROUND- SEL	*Senècio púlcher	See page 344.		"
"Light violet" 44 deep	TORREY'S NIGHT- SHADE	Solànum Tórreyi	See page 344.		"
"Dull violet" 47	TALL SEA LAVENDER	Státice elàta	See page 344.		Mid. July to early Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rose lilac" bet. 44 & 38	CHOICE SEA LAVENDER	<i>Státice exímia</i>	Flowers in somewhat one-sided clusters. Coarse leaves with wavy margins spring from the root. Plant in isolated clumps or in rock-garden. Prop. by seed and division. Sandy well-drained soil. Songoria.	1-2 ft. Sun	Aug.
"Blue violet" 44	GMELIN'S SEA LAVENDER	* <i>Státice Gmélini</i>	See page 344.		Late July to early Sept.
"Bluish purple" 47	BROAD-LEAVED SEA LAVENDER	** <i>Státice latifolia</i>	See page 344.		"
"Purple" 39	WALL GER-MANDER	<i>Teücrium Chamaedrys</i>	See page 345.		Mid. July to mid. Aug.
"Lilac" 43	MOTHER OF THYME, CREEPING THYME	<i>Thýmus Serpyllum</i>	See page 249.		Mid. June to mid. Aug.
"Purple" 44, 48 or 49	COMMON SPIDER-WORT	* <i>Tradescántia Virginiana</i> <i>T. Virginica</i>	See page 140.		Late May to late Aug.
"Deep blue purple" 55	SUB-SESSILE LONG-LEAVED VERONICA	** <i>Verónica longifolia</i> var. <i>subséssilis</i> <i>V. spicata</i>	One of the best Veronicas. Showy vigorous branching plant, covered with long dense spikes of small brilliant flowers. Excellent for the border. Prop. by division. Rich loam preferable. Japan.	2-3 ft. Sun	Early Aug. to mid. Sept.
"Violet" 47 or 49	HORNED VIOLET, BEDDING PANSY	** <i>Viola cornuta</i>	See page 48.		Late Apr. until frost
"Deep blue" 56	AUTUMN ACONITE, MONKS-HOOD OR WOLFS-BANE	** <i>Aconitum autumnale</i>	See page 345.		Mid. July to mid. Sept.
"Blue"	STORK'S PURPLE WOLFS-BANE	* <i>Aconitum Cammarum</i> var. <i>Storkianum</i> <i>A. S.</i> , <i>A. intermedium</i>	See page 345.		July, Aug.
"Deep purple blue" near 49	TRUE MONKS-HOOD, OFFICIAL ACONITE	** <i>Aconitum Napellus</i> <i>A. pyramidale</i> <i>A. Tauricum</i>	See page 345.		Mid. July to early Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 61	GLAND BELL-FLOWER	* <i>Adenóphora communis</i> <i>A. Fischeri</i> , <i>A. liliflora</i> , <i>A. lilifolia</i>	See page 345.		July to mid. Aug.
"Light blue" 61 duller	POTANNINI'S GLAND BELL-FLOWER	* <i>Adenóphora Potannini</i>	See page 346.		July, Aug.
"Deep blue" 49	LEAD PLANT	* <i>Amórpha canescens</i>	See page 346.		Early July to early Aug.
"Lilac blue" 53 lighter & brighter	MAACK'S ASTER	* <i>Áster Máackii</i>	Dwarf plant. Smooth leaves and stems with large flowers. Good border plant. Prop. by seed and division. Good rich soil. Japan.	1-2 ft. Sun	Mid. Aug. to late Sept.
"Purplish blue" 46	GREAT BELL-FLOWER	* <i>Campánula latifolia</i>	See page 253.		June to early Aug.
"Blue" 48	CHIMNEY CAMPANULA, STEEPLE BELL-FLOWER	* <i>Campánula pyramidalis</i>	See page 346.		July, Aug.
"Cobalt blue" 61	BLUE-FLOWERED LEADWORT	<i>Ceratostigma plumbaginoides</i> <i>Plumbago Lárpenta</i> , <i>Valorádia p.</i>	Beautiful half-shrubby plant which forms neat tufts and is covered with a wealth of flowers that gradually become violet. Excellent for rock-garden or edging. Protect in winter. Prop. by division. Warm light soil. China.	6-12 in. Sun	Late Aug., Sept.
"Blue" 53	FREMONT'S CLEMATIS	* <i>Clématis Frémonti</i>	See page 346.		July, Aug.
"Light blue" 44 bluer	HERACLEUM-LEAVED CLEMATIS	* <i>Clématis heracleæfolia</i> <i>C. tubulosa</i>	Erect sturdy plant. Hyacinth-shaped flowers in terminal and axillary clusters. Bright green foliage. Border or rock-garden. Prop. by division and cuttings, and with difficulty by seed. Rich deep soil. China. Var. <i>Davidiana</i> , ( <i>C. tubulosa</i> var. <i>Davidiana</i> ): (color no. 54 lighter). Best form. Stems, 4 ft. tall, need slight support. Flowers with Orange-blossom fragrance. Leaves very large. Fine border plant. Japan; China.	2-3 ft. Sun	Aug., Sept
"Blue" 61	BEE LARKSPUR	** <i>Delphínium elátum</i> <i>D. alpinum</i> , <i>D. pyramidalé</i>	See page 253.		June to Sept.
"Blue" 62	GREAT-FLOWERED LARKSPUR	** <i>Delphínium grandiflorum</i> <i>D. Sinense</i>	See page 347.		July, Aug.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 50 & cream	LOFTY GLOBE THISTLE	* <i>Echinops exaltatus</i>	See page 347.		July, Aug.
"Steel blue" 53 colder	RITRO GLOBE THISTLE	** <i>Echinops Ritro</i>	See page 348.		"
"Pale blue" 52 greenish	ROUND- HEADED GLOBE THISTLE	* <i>Echinops sphæro-céphalus</i>	See page 348.		"
"Bright blue" 53	ALPINE SEA HOLLY	* <i>Eryngium alpinum</i>	See page 348.		"
"Amethyst blue" 63 lighter	AMETHYST SEA HOLLY	** <i>Eryngium amethýstinum</i>	See page 254.		June to early Sept.
"Blue" 63	BOURGAT'S ERYNGO	* <i>Eryngium Bourgati</i>	See page 348.		Mid. July to early Sept.
"Blue" 63 lighter	DANE- WEED, HUNDRED THISTLE	<i>Eryngium campéstre</i>	See page 348.		"
"Blue"	FLAT- LEAVED ERYNGO	** <i>Eryngium planum</i>	See page 348.		July, Aug.
"Deep blue" 56	CLOSED BOTTLE OR BLIND GENTIAN	<i>Gentiana Andréwsii</i> <i>G. Catesbaei</i>	A common wild herb. Flowers, which never open, stemless and supported on whorls of leaves. Brookside, rock-garden or wild garden. Prop. by division or very slowly by seed. Leave undisturbed. Good moist soil. N. Amer.	2 ft. <i>Half shade</i>	Aug., Sept.
"Deep blue" 59 lighter	WILLOW GENTIAN	* <i>Gentiana asclepiadæa</i>	See page 351		July to early Sept.
"Blue" 60	WIND FLOWER, HARVEST BELLS	<i>Gentiana Pneumonanthe</i>	Funnel-shaped flowers in racemes terminating leafy stalks. Pretty when planted in grass on the banks of streams. Prop. very slowly by seed, also by division. Leave undisturbed. Rich deep soil mixed with humus Europe: N. Asia.	6 in. <i>Half shade</i>	Aug., Sept.
"Light blue" 62 greener	BARREL OR SOAPWORT GENTIAN	* <i>Gentiana Saponaria</i> <i>G. Catesbaei</i>	Closed flowers about 1 in. long, erect in clusters. Wild or rock-garden. Leave undisturbed. Prop. by seed just ripe. Deep loam well-drained. N. Amer.	1-2 ft <i>Sun or half shade</i>	"
"Violet" blue" 46 light	IBERIAN CRANES- BILL	<i>Geranium Ibéricum</i>	See page 254.		June to Sept.
"Blue" 46 bluer	MEADOW CRANES- BILL	* <i>Geranium pratense</i>	See page 257.		"



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 53	GLOBE DAISY	*Globulària vulgàris	See page 257.		June to Sept.
"Light blue" 52 dull	SHEP-HERD'S OR SHEEP SCABIOUS, SHEEP'S BIT	*Jasidone perennis	See page 351.		Early July to early Aug.
"Blue" 61	AUSTRIAN FLAX	*Linum Austriacum <i>L. perenne</i> var. <i>A.</i>	See page 258.		June to Sept.
"Blue" 46	GREAT LOBELIA, BLUE CARDINAL FLOWER	**Lobèlia syphilítica	Tubular flowers in long leafy spikes, on slightly hairy stalks. Foliage large, smooth or hairy. Good border plant. Moist soil. Eastern U. S. A.	1-3 ft. Sun	Mid. Aug. to late Sept.
"Blue" 57	EVER-FLOWER-ING FOR-GET-ME-NOT	*Myosòtis palústris var. sempérflorens	See page 153.		May to Sept.
"Blue" 53	LARGE-FLOWERED CATMINT	Népeta macránta	See page 261.		Late June to early Sept.
"Blue" often 56	BALLOON FLOWER, JAPANESE BELL-FLOWER	**Platycòdon grandiflòrum <i>Wahlenbèrgia, grandiflòra, Campánula</i> g.	See page 352.		Early July to Oct.
"Blue" 47	HAIRY RUELLIA	Ruèllia ciliòsa	See page 353.		Early July to late Aug.
"Blue" 52	PITCHER'S SAGE	*Sálvia azúrea var. grandiflòra <i>S. Pitcheri</i>	A sky-colored plant, slightly downy. Flowers blue, varying to white. Pretty in border. Protect in winter. Light sandy soil. S. Central U. S. A.	1-5 ft. Sun	Late Aug., Sept.
"Blue" 46 lighter	MEALY SAGE	*Sálvia farinácea	See page 353.		July, Aug.
"Pale blue" often bet. 43 & 44	GRASS-LEAVED SCABIOUS	*Scabiòsa graminifòlia	See page 262.		June to Oct.
"Bluish" near 39 paler	WOOD-LAND SCABIOUS	*Scabiòsa sylvática	See page 262.		Early June to late Sept.
"Blue" 58	HYACINTH SQUILL	**Scilla hyacinthoides <i>S. parviflora</i>	Rather shy bloomer. Small open bell-shaped flowers in many-flowered racemes. Long narrow leaves in a spreading clump at the base. Very pretty in the border or wild garden. Bulbous. Prop. by offsets. Light soil enriched with manure. Mediterranean Region.	1-1 1/2 ft. Sun or half shade	Aug

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 57 deep	BLUE HYACINTH SQUILL	** <i>Scilla</i> <i>hyacinthoides</i> var. <i>cærulea</i> <i>S. parviflora</i> var. <i>c.</i>	Small bell-shaped flowers in racemes. Leaves in a spreading clump at the base of the plant. Charming in the border or wild garden. Bulbous. Light soil enriched with manure. Mediterranean Region.	1-1½ ft. Sun or shade	Aug.
"Blue" 49	BAICAL'S SKULLCAP	* <i>Scutellaria</i> <i>Baicalensis</i> <i>S. macrantha</i>	See page 353.		July, Aug.
"Deep blue" 46	COMMON SEA LAVENDER, MARSH ROSEMARY	** <i>Státice</i> <i>Limòonium</i> <i>S. marítima</i>	See page 353.		"
"Blue" 52 dull	STOKES' ASTER	** <i>Stokèsia</i> <i>cyànea</i>	Somewhat aster-like flowers, few to many on leafy stalks. Useful for cutting. Excellent in border. Protect slightly in winter. Prop. by division. Loamy soil, sandy and well-drained. S. Atlantic States. See Plate, page 406.	1-1½ ft. Sun	Aug. to early Oct.
"Blue" 53	AUSTRIAN SPEED- WELL	* <i>Verónica</i> <i>Austriaca</i>	See page 353.		Early July to early Aug.
Parti- colored white & 34	PARKIN- SON'S CHECK- ERED MEADOW SAFFRON	* <i>Cólchicum</i> <i>Párkisoni</i>	Distinct species. Crocus-like flowers, white checkered and barred with purple, unsupported by foliage. Small leaves appear in spring. Plant in clumps in rock-garden or border among carpeting plants. Protect in winter. Bulbous. Prop. by offsets. Sandy loam, rich and light. Greek Archipelago.	4-6 in. Sun or half shade	Aug., Sept.
Parti- colored	FRENCH OR CROZY CANNA	** <i>Cánna</i> vars.	See page 357.		July to late Sept
Parti- colored	ITALIAN CANNA	** <i>Cánna</i> vars.	See page 358.		"
Parti- colored	DAHLIA	** <i>Dáhlia</i> vars.	See page 359.		July to late Oct.
6 shading from 19 to 14	GREAT- FLOWERED GAILLARDIA	** <i>Gaillárdia</i> <i>aristàta</i> <i>G. grandiflora</i>	See page 263		June to Nov.
Parti- colored	SWORD LILY	** <i>Gladìolus</i> vars.	See page 365.		July to Oct.
Parti- colored	BROWN'S LILY	** <i>Lílium</i> <i>Brówni</i> <i>L. japònicum</i> var. <i>Brównii</i>	See page 354.		July, Aug.
44 & 11	ALPINE TOADFLAX	<i>Linària</i> <i>alpina</i>	See page 354.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	BEAR'S BREECH, CUTBER-DILL SEDOCKE	** <i>Acánthus móllis</i>	See page 354.		July, Aug.
Various	VERY PRICKLY BEAR'S BREECH	** <i>Acánthus spinossímus</i>	See page 357.		"
Various	PRICKLY BEAR'S BREECH	** <i>Acánthus spinòsus</i>	See page 357.		"
2, 34, 35, 22, 27, white etc.	HOLLY-HOCK	** <i>Althæa ròsea</i>	See page 357.		"
Various	FRENCH OR CROZY CANNA	** <i>Canna</i> vars.	See page 357.		July to late Sept.
Various	ITALIAN CANNA	** <i>Canna</i> vars.	See page 358.		"
Various	DAHLIA	** <i>Dáhlia</i> vars.	See page 359.		July to late Oct.
Often 33 dark	SCARLET DAHLIA	<i>Dáhlia coccínea</i>	See page 365.		July to early Oct.
Various	VON MERCK'S DAHLIA	<i>Dáhlia Mércckii</i> <i>D. Glabràta</i>	See page 365.		"
Often 17 dark	COMMON DAHLIA	<i>Dáhlia variábilis</i> <i>D. ròsea</i>	See page 365.		"
Various	SWORD LILY	** <i>Gladíolus</i>	See page 365.		July to Oct.
White, 2, 44	COBÆA BEARD-TONGUE	* <i>Pentstèmon Cobæa</i>	See page 370.		July, Aug.
Various	PERENNIAL PHLOX	** <i>Phlóx paniculàta</i> vars. <i>P. decussàta</i>	See page 370.		July to Oct.
Often 39 or 38	EGYPTIAN OR GYPSIES' ROSE	* <i>Scabiòsa arvènsis</i> <i>S. vâria</i>	See page 273		Early June to mid. Aug.
Various	PANSY, HEART'S-EASE	** <i>Viola tricolor</i>	See page 68.		Mid. Apr. to mid. Sept.

# SEPTEMBER

## WHITE TO GREENISH

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	SNEEZE-WORT	<i>Achillea Ptármica</i>	See page 167		June to mid. Sept.
"White"	DOUBLE SNEEZE-WORT	** <i>Achillea Ptármica</i> var. "The Pearl"	See page 167.		June to Oct.
"White"	SIBERIAN MILFOIL OR YARROW	* <i>Achillea Sibírica</i> <i>A. Mongòlica</i> , <i>A. ptarmicoides</i>	See page 274.		July to Oct.
"Nearly white"	WHITE MONKS-HOOD OR OFFICINAL ACONITE	** <i>Aconitum Napéllus</i> var. <i>álbum</i> <i>A. pyramídale</i> var. <i>a.</i> <i>A. Tauricum</i> , var. <i>a.</i>	See page 274.		Mid. July to early Sept.
"White"	JAPANESE BANE-BERRY	<i>Actæa Japonica</i>	Dense spikes of flowers, good for cutting and lasting a long time. Effective border plant. Needs light rich soil. Japan.	2½ ft. Half shade	Sept., Oct.
"Cream white"	ANEMONE HONORINE JOBERT	** <i>Anemone Japonica</i> var. <i>álba</i>	One of the best autumn plants. Similar to the type. Large flowers with yellow centres. Handsome foliage. Good for cutting. Plant in masses under trees or in clumps in the border. Leave undisturbed and protect in winter. Prop. by seed and division. Rich soil. Hort. See Plate, page 418. * <i>A. Japonica</i> var. "The Whirlwind," a strong vigorous plant like the type, but with semi-double white flowers 2½-3 in. across, blooming more abundantly and lasting longer. Hort.	2-3 ft Sun or half shade	Late Sept. to early Nov.
"White"	TALL FLAT-TOP WHITE ASTER	<i>Áster umbellátus</i> <i>Dallingèria umbellata</i>	See page 375.		Late Aug. to early Oct.
"Whitish" turns 39	VARIOUS-COLORED STARWORT	* <i>Áster versicolor</i>	Dwarf species with flowers about 1 in. across, changing from white to mauve. Plant in mixed border or rock-garden. Sandy soil Prop. by division. N. Amer.	2 3 ft. Sun	Sept., early Oct.



AUTUMN



ANEMONE HONORINE JOBERT. *Anemone Japonica* var. *alba*.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	ASTER-LIKE BOLTONIA	* <i>Boltonia asteroides</i> <i>B. glastifolia</i>	See page 375.		Late Aug. to mid. Oct.
"White"	WOAD-LEAVED BOLTONIA	** <i>Boltonia glastifolia</i>	See page 376.		Aug., Sept.
"White" centre 5 to 6	NIPPON CHRYSANTHEMUM	* <i>Chrysanthemum Nipponicum</i>	Large glistening daisy-like flowers sometimes 4 in. across, with yellow centres. Thick foliage. Good for border. Thrives in moderately light enriched soil. Japan.	2 ft. Sun	Sept., Oct.
"White"	GIANT DAISY	** <i>Chrysanthemum uliginosum</i> <i>Pyræthrum u.</i>	See page 376.		Aug., Sept.
"White"	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		Late July to late Oct.
"White"	RATTLE-SNAKE-MASTER, BUTTON SNAKEROOT	<i>Eryngium aquaticum</i> <i>E. yuccæ-folium</i>	See page 177.		June to Oct.
"White"	WHITE SNAKEROOT	<i>Eupatorium ageratoides</i>	See page 379.		Aug., Sept.
"White"	LARGE-FLOWERED SUBCORDATE PLANTAIN LILY	** <i>Funkia subcordata</i> var. <i>grandiflora</i> <i>F. alba</i> var. <i>g.</i> , <i>F. liliiflora</i> var. <i>g.</i>	See page 380.		Late Aug., Sept.
"White"	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365.		July to Oct.
"White"	WHITE CORAL BELLS	<i>Heuchera sanguinea</i> var. <i>alba</i> <i>H. alba</i>	See page 179.		June to late Sept.
"White"	CALIFORNIA ROSE MALLOW	* <i>Hibiscus Californicus</i>	Vigorous shrubby plant. Flowers 4-5½ in. across, sometimes pink, with purple centres. Heart-shaped leaves, gray beneath. Good in border. Protect in winter. Prop. by seed. Any garden soil, preferably sandy and rich. Cal.	5-7 ft. Sun or half shade	Sept., Oct.
"White"	WHITE SWAMP ROSE OR ROSE MALLOW	* <i>Hibiscus Moscheutos</i> var. <i>albus</i> <i>H. palustris</i> var. <i>albus</i>	See page 381.		Aug., Sept.
"White"	CRIMSON EYE SWAMP ROSE	* <i>Hibiscus Moscheutos</i> var. "Crimson Eye"	See page 381.		"

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	JAPANESE BUSH CLOVER	* <i>Lespedeza Japónica</i> <i>Desmodium Japónicum</i>	Resembles <i>L. Sieboldi</i> , but blooms a fortnight later. Strong vigorous plant with a profusion of pea-shaped flowers drooping in elongated racemes. Dull pale green compound foliage. Ornamental in the border or edge of shrubbery. Prop. by division. Easily cultivated. Japan.	4-6 ft. Sun	Sept., Oct.
"White"	AUTUMN SNOW-FLAKE	* <i>Leucòjum autumnàle</i> <i>Acis autumnàlis</i>	Not hardy everywhere. Related to Snowdrop. Fragrant drooping bell-shaped flowers, red-tinted, 1-3 on slender stems, followed by slender shrubby foliage. Attractive in border and in shady sheltered part of rock-garden or shrubbery. Bulbous. Prop. by offsets. Any soil. Portugal.	3-9 in. Half shade	Sept.
"White"	HEART-LEAVED LILY	* <i>Lilium cordifolium</i>	See page 381.		Aug., Sept.
"White"	GREAT WHITE LOBELIA	** <i>Lobelia syphilitica</i> var. <i>álba</i>	See page 381.		Mid. Aug. to Oct.
"White"	DOUBLE WHITE OR EVENING CAMPION	* <i>Lýchnis álba</i> var. <i>flòre-plèno</i> <i>L. vespertina</i> var. <i>j.-p.</i>	See page 289.		Mid. July to mid. Sept.
"White"	WHITE MUSK MALLOW	* <i>Málva moschàta</i> var. <i>álba</i>	See page 289.		July to early Sept.
"White"	SHOWY PRIMROSE	* <i>Oenothèra speciosa</i> <i>Hartmannia s.</i>	See page 382		Aug., Sept.
"White"	WHITE ICELAND POPPY	** <i>Papàver nudicaule</i> var. <i>álbum</i>	See page 184.		Late Apr. to mid. June, late Aug., Sept.
"White"	PERENNIAL PHLOX	** <i>Phlòx paniculàta</i> vars. <i>P. decussàta</i>	See page 370.		July to Oct.
"White"	WHITE BALLOON FLOWER	** <i>Platycòdon grandiflorum</i> var. <i>álbum</i> <i>Campanula</i> g. var. <i>a.</i> , <i>Wahlenbergia</i> g. var. <i>a.</i>	See page 187.		June to Oct.
"Greenish white"	SACALINE	<i>Polygonum Sachalinense</i>	See page 383.		Late Aug., Sept.

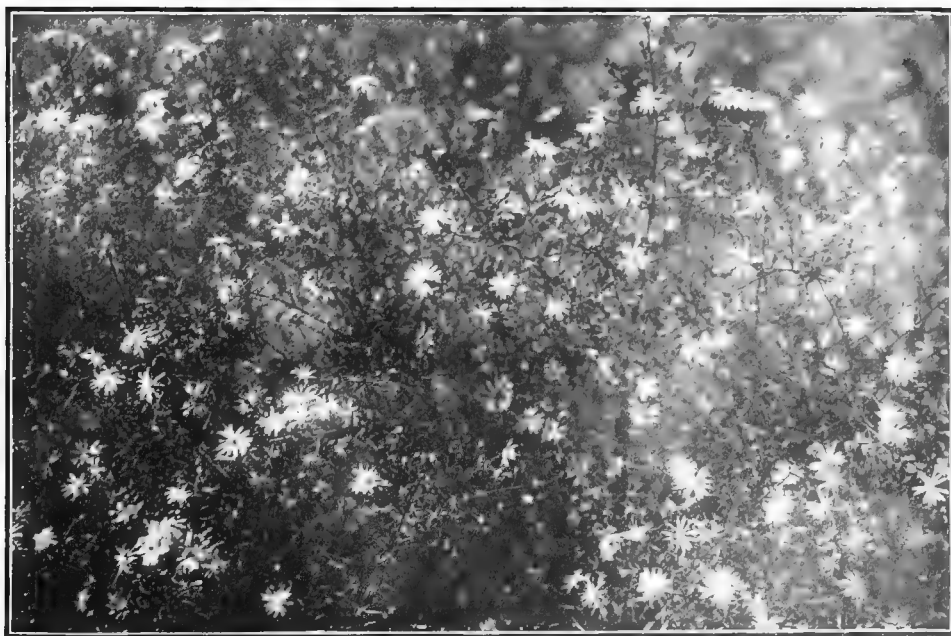


Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	JAPAN KNOTWEED	<i>Polygonum Sieboldi</i> <i>P. cuspidatum</i> . <i>P. Zuccarini</i>	See page 383		Aug., Sept.
"White"	WHITE WOODLAND SCABIOUS	* <i>Scabiosa sylvatica</i> var. <i>albiflora</i>	See page 189		Early June to late Sept.
"White"	WHITE SHOWY SEDUM	* <i>Sedum spectabile</i> var. <i>album</i> <i>S. Fabaria</i> var. <i>album</i>	See page 383.		Late Aug. to mid. Sept.
"Whit-ish"	GREAT VIRGINIAN SPEEDWELL, CULVER'S ROOT	* <i>Veronica Virginea</i> <i>Leptandra Virginica</i>	See page 384.		Early Aug. to early Sept.
"White"	WHITE HORNED VIOLET OR BEDDING PANSY	** <i>Viola cornuta</i> var. <i>alba</i>	See page 23		Late Apr. until frost
"Yellow" 5	WOOLLY-LEAVED MILFOIL	* <i>Achillea tomentosa</i>	See page 96.		Late May to mid. Sept.
"Pale yellow" 4	EGYPTIAN MILFOIL OR YARROW	<i>Achillea Tournefortii</i> <i>A. Ægyptiaca</i>	See page 293.		July to Oct.
"Yellow" 2	PALE YELLOW WOLFSBANE	* <i>Aconitum Lycotomum</i> <i>A. barbatum</i> , <i>A. ochroleucum</i> , <i>A. squarrosum</i>	See page 294.		July to early Sept.
"Yellow" 5	GOLDEN MARGUERITE	* <i>Anthemis Kéwayi</i> <i>A. tinctoria</i> var. <i>Kéwayi</i>	See page 194.		Mid. June to Oct.
"Yellow" 2, centre 6	GOLDEN MARGUERITE, ROCK CAMOMILE	* <i>Anthemis tinctoria</i>	See page 96.		Mid. May to Oct.
"Yellow"	ITALIAN CANNA	** <i>Canna</i> vars.	See page 357		July to late Sept.
"Yellow" 6 paler	LARKSPUR TICKSEED	* <i>Coreopsis delphinifolia</i>	See page 296		Mid. July to mid. Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 6 deeper	STAR TICKSEED	<i>Coreópsis pubescens</i> <i>C. auriculata</i>	See page 296.		Mid July to late Sept.
"Clear yellow" 5	TALL TICKSEED	* <i>Coreópsis tripteris</i>	See page 385.		Aug., Sept.
"Yellow"	DAHLIA	** <i>Dáhlia</i> vars.	See page 359.		July to late Oct
"Yellow"	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365.		July to Oct.
"Yellow" 5 deeper	SNEEZE- WEED, FALSE OR SWAMP SUN- FLOWER	** <i>Helèmium autumnale</i> <i>H. grandiflorum</i>	See page 386.		Aug. to late Sept
"Yellow" bet. 5 & 6	LARGE- FLOWERED SNEEZE- WEED	** <i>Helèmium autumnale</i> var. <i>grandiflorum</i>	See page 386.		Aug., Sept.
"Yellow" 6	DWARF SNEEZE- WEED	** <i>Helèmium autumnale</i> var. <i>pumilum</i>	See page 386.		"
"Yellow" 5	TALL SNEEZE- WEED	** <i>Helèmium autumnale</i> var. <i>superbum</i> <i>H. grandiflorum</i> var. <i>s.</i>	See page 386.		"
"Yellow" 5	PURPLE- HEADED SNEEZE- WEED	* <i>Helèmium nudiflorum</i> <i>Leptopoda brachypoda</i>	See page 300.		July to Oct.
"Yellow" 5	NARROW- LEAVED OR SWAMP SUN- FLOWER	<i>Heliánthus angustifolius</i>	See page 386.		Aug. to Nov.
"Yellow" 5	THIN- LEAVED OR WILD SUN- FLOWER	* <i>Heliánthus decapetalus</i>	See page 386		Aug. to late Sept.
"Yellow" 6	WILD SUN- FLOWER, INDIAN POTATO	<i>Heliánthus giganteus</i>	Striking plant. Flowers about 2½ in. across, rays 1 in. long, borne on strong hairy stalks. Rough foliage. Effective in shrubbery. Prop. by division; divide every 2 years. Dry or moist soil, not too heavy. N. Amer See Plate, page 423.	3-12 ft Sun	Early Sept. to mid. Oct.
"Yellow" 5 to 6 darker, centre dull	SHOWY SUN- FLOWER	<i>Heliánthus lætiflorus</i>	See page 387.		Aug., Sept.



WILD SUNFLOWER. *Helianthus giganteus*.



PRAIRIE ASTER. *Aster turbinellus*.



Color	English Name	Betanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	SMOOTH SUN-FLOWER	* <i>Heliánthus lævigatus</i>	See page 387.		Mid. Aug. to Oct.
"Yellow" 5 richer	MAXIMILIAN'S SUN-FLOWER	* <i>Heliánthus Maximiliani</i>	One of the most desirable Sun-flowers, graceful and stately; flowers very late. Very large single blossoms and willow-like foliage. Excellent for cutting. Good among shrubs. Prop. by division; divide every 2 years. Dry soil, not too heavy. Western U. S. A.	2-8 ft. <i>Sun</i>	Early Sept to Nov.
"Yellow" 5 richer	LINEAR-LEAVED SUN-FLOWER	* <i>Heliánthus orgyâlis</i> <i>H. gigantæus</i> <i>var. crinitus</i>	Graceful and decorative plant. Long spikes of small flowers terminate unbranched stalks densely sheathed with drooping grass-like foliage. Plant among shrubs. Prop by division; divide every 2 years. Dry soil, not too heavy. S. Western U. S. A. See Plate, page 424.	8-10 ft. <i>Sun</i>	Sept., early Oct.
"Yellow" bet. 5 & 6	STIFF SUN-FLOWER MISS MELLISH	** <i>Heliánthus rigidus</i> var. "Miss Mellish"	See page 387.		Late Aug., Sept
"Orange yellow" 6	PALE-LEAVED WOOD SUN-FLOWER	<i>Heliánthus strumôsus</i>	See page 300.		Mid. July to late Sept.
"Yellow" 5	WOOLLY SUN-FLOWER	<i>Heliánthus tomentôsus</i>	See page 387		Late Aug. to late Sept.
"Yellow" 5 richer	JERUSALEM ARTICHOKE	<i>Heliánthus tuberôsus</i>	Plant often grown as vegetable. Numerous flowers 2-3 in. in diameter. Foliage rough. Effective in shrubbery or wild places but apt to become a bad weed. Prop. by seed, division or cuttings. Loose dry loam.	5-12 ft. <i>Sun</i>	Sept.
"Yellow" 5	THROAT-WORT SUN-FLOWER	<i>Heliánthus trachelii-folius</i>	See page 300.		Mid. July to early Sept.
"Yellow" 6	OXEYE, FALSE SUN-FLOWER	* <i>Heliôpsis lævis</i> <i>H. helianthoides</i>	See page 300.		Mid. July to late Sept.
"Yellow" 6, centre 7	PITCHER'S OXEYE OR FALSE SUN-FLOWER	* <i>Heliôpsis lævis</i> var. <i>Pitcheriàna</i> <i>H. P.</i>	See page 303.		"
"Yellow" 1	HOARY MARSH OR ROSE MALLOW	* <i>Hibiscus incânus</i>	See page 388.		Aug., Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	NARROW-LEAVED HAWK-WEED	<i>Hieracium umbellatum</i>	See page 388.		Aug., Sept.
"Yellow" 5	GRAY-HEADED CONE-FLOWER	* <i>Lépacchys pinnata</i> <i>Ratibida p.</i> , <i>Rudbeckia p.</i>	See page 200.		June to mid. Sept.
"Yellow" 3	BIRD'S-FOOT TREFOIL, BABIES' SLIPPERS	<i>Lòtus corniculatus</i>	See page 203.		June to Oct.
"Bright yellow" 6 to 7	GOLDEN SPIDER LILY	<i>Lycòris àurea</i> <i>Amarýllis a.</i> , <i>Nerine u.</i>	See page 389.		Aug., Sept.
"Yellow" 5 or 6 brilliant	ICELAND POPPY	** <i>Papàver nudicaule</i>	See page 35.		Late Apr. to July, late Aug. to Oct.
"Yellow" 5	YELLOW OR CALIFORNIA CONE-FLOWER, WHORTLEBERRY-LEAVED KNOT-FLOWER	* <i>Rudbeckia Califòrnica</i>	See page 390		Aug. to mid. Sept.
"Yellow" 5	LARGE-FLOWERING CONE-FLOWER	* <i>Rudbeckia grandiflòra</i>	See page 390.		Late Aug., Sept.
"Yellow" bet. 5 & 6	GOLDEN GLOW	** <i>Rudbeckia laciniata</i> var. <i>flòre-plèno</i>	See page 309.		Late July to late Sept.
"Yellow" 5	LARGE CONE-FLOWER	* <i>Rudbeckia máxima</i>	See page 390.		Aug., Sept.
"Yellow" 5	SHINING CONE-FLOWER	* <i>Rudbeckia nitida</i>	Closely related to <i>R. maxima</i> , differing principally in height and foliage. Leaves bright green. Prop. by seed, division or cuttings. Any garden soil. Southern U. S. A.	2-4 ft. Sun	Sept.
"Yellow" bet. 5 & 6	SWEET CONE-FLOWER	** <i>Rudbeckia subtomentòsa</i>	See page 391.		Mid. Aug. to Oct.
"Yellow" 3 pale	WEBB'S SCABIOUS OR PIN-CUSHION FLOWER	<i>Scabiòsa ochroleùca</i> <i>S. Webbiana</i>	See page 208.		June to early Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5	ROUGH ROSINWEED	<i>Silphium asperifolium</i>	See page 313.		July to early Sept.
"Yellow" 5	COMPASS PLANT, PILOT WEED	** <i>Silphium laciniatum</i>	See page 313.		Mid. July to mid. Sept.
"Yellow" 6 lighter	CUP PLANT, INDIAN CUP	* <i>Silphium perfoliatum</i>	See page 313.		"
"Yellow" 5	PRAIRIE DOCK	* <i>Silphium terebinthinaceum</i>	See page 392.		Mid. Aug. to late Sept.
"Yellow" 6 lighter	WHORLED ROSINWEED	<i>Silphium trifoliatum</i>	See page 313.		Mid. July to mid. Sept.
"Yellow" 5 to 6	GOLDEN-ROD	* <i>Solidago</i>	See page 313.		Late July to early Oct.
"Yellow"	CROCUS-FLOWERED BLAZING STAR	** <i>Tritonia crocosmæflora</i> vars. <i>Montbretia c.</i>	See page 314.		July to Oct.
"Yellow" 6	YELLOW HORNED VIOLET OR BEDDING PANSY	** <i>Viola cornuta</i> var. <i>lutea major</i>	See page 35.		Late Apr. until frost
"Orange" 5 & 14	STRIPED SNEEZE-WEED	* <i>Helianthemum autumnale</i> var. <i>striatum</i>	See page 393.		Aug., Sept.
"Orange" 12	ORANGE HAWK-WEED	<i>Hieracium aurantiacum</i>	See page 211.		June to Oct.
"Scarlet orange" 13	MACOWAN'S FLAME FLOWER	* <i>Kniphofia Macowani</i>	A very neat dwarf species. Spikes of flowers rise well above grass-like foliage. Pretty in the border. Take up and store in winter or protect with leaves. Prop. by division. Any well-drained soil. S. Africa.	1-2 ft. Half shade	Sept., early Oct.
"Scarlet orange" effect 12 brighter	EVER-BLOOMING FLAME FLOWER	** <i>Kniphofia Pfitzerii</i>	See page 393.		Early Aug. to early Oct.
"Salmon orange" bet. 16 & 8	DR. HENRY'S LILY	* <i>Lilium Henryi</i>	See page 393.		Aug., Sept.
"Deep orange" bet. 12 & 17	ORANGE ICELAND POPPY	* <i>Papaver nudicaule</i> var. <i>aurantiacum</i>	See page 36.		Late Apr. to July, late Aug., Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Deep orange" bet. 12 & 17	SMALL ICELAND POPPY	*Papaver nudicaule var. miniatum	See page 36.		Late Apr. to July, mid. Aug. to Oct.
"Orange" 7, centre 21 dark	ORANGE CONE-FLOWER	*Rudbeckia fulgida	See page 394.		Mid. Aug. to early Oct.
"Orange" 6 to 18	POTTS' BLAZING STAR	*Tritonia Pottsii <i>Montbretia P.</i>	See page 321.		July to Oct.
"Red" 27	RED YARROW OR MILFOIL	*Achillea Millefolium var. rubrum	See page 321.		Mid. July to mid. Sept.
"Purple crimson" bet. 41 & 42	WESTERN SILKY OR SILVERY ASTER	*Aster sericeus <i>A. argenteus</i>	See page 394.		Late Aug. to early Oct.
"Red"	FRENCH OR CROZY CANNA	**Canna vars.	See page 357.		July to late Sept.
"Red"	ITALIAN CANNA	**Canna vars.	See page 358.		"
"Red"	DAHLIA	**Dahlia vars.	See page 359.		July to late Oct.
"Red"	SWORD LILY	**Gladiolus vars.	See page 365.		July to Oct.
"Red" 26 brilliant	CORAL OR CRIMSON BELLS	**Heuchera sanguinea	See page 213.		June to late Sept.
"Scarlet" 9 to 18	FLAME FLOWER, TORCH LILY, RED-HOT POKER PLANT	*Kniphofia aloides <i>K. Uvaria</i> , <i>Triloma Uvaria</i>	Striking and tropical looking plant. Pyramidal spikes of flaming flowers, lower blossoms yellow, turning to red at the top, rise from a clump of drooping grass-like leaves. Effective massed in border against background or in shrubbery. Take up and store in winter or protect with leaves. Prop. by division. Any well-drained soil. Africa. See Plate, page 429. Var. <i>grandiflora</i> ; (color no. bet. 9 & 16), spikes and flowers larger than the type. Hort. Var. <i>glaucescens</i> ; (color no. bet. 9 & 16), "vermillion-scarlet flowers changing to a more orange color, one of the freest bloomers." Foliage gray-green. S. Africa. Var. <i>nobilis</i> , ( <i>T. nobilis</i> ); (color no. 17), a very fine robust form, 6-7 ft. high. Flowers, with prominent anthers, 1½ in. long varying to orange-scarlet.	3 ft. Half shade	Sept., early Oct.





RED-HOT POKER PLANT. *Kniphofia aloides*.



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Coral red" 16 brilliant	CORAL-RED FLAME FLOWER	* <i>Kniphòfia corallina</i>	A cross between K. Macowani and K. Uvaria. Free-flowering dwarf species. Oval spikes of flowers shading to rose. Good for cutting. See K. aloides. Hort.	1½-2 ft. Half shade	Sept.
"Crimson" 20 bright & rich	CARDINAL FLOWER, INDIAN PINK	** <i>Lobèlia cardinalis</i>	See page 396.		Aug. to mid. Sept.
"Red" 20 lighter centre 21 redder	OSWEGO TEA, BEE OR FRAGRANT BALM	** <i>Monárda didyma</i>	See page 217.		Mid. June to early Sept.
"Red"	PERENNIAL PHLOX	** <i>Phlòx paniculata</i> vars. <i>P. decussata</i>	See page 370.		July to Oct.
"Red"	ALKEKENG, STRAW- BERRY, TOMATO, WINTER OR BLADDER CHERRY	<i>Phýsalis Alkekengi</i>	See page 325		Fruit July to late Oct.
"Red"	CHINESE LANTERN PLANT	* <i>Phýsalis Franchètti</i> <i>P. Alkekengi</i> var. <i>Franchètti</i>	See page 325.		"
"Red" 26 deep	TARTARIAN SEA LAVENDER	* <i>Státice Tatárica</i> <i>S. Besseriána</i> , <i>S. incána</i> var. <i>hybrida</i>	See page 397.		Early Aug. to early Sept.
"Orange scarlet" often 16 pinker	CROCUS- FLOWERED BLAZING STAR	* <i>Tritònia crocosmæ- fìora</i> <i>Montbrètia c.</i>	See page 326.		July to Oct.
"Ver- milion" 18 redder	CALIFORNIA FUCHSIA, HUMMING- BIRD'S TRUMPET	* <i>Zauschnèria Califòrnica</i>	See page 397.		Late Aug., Sept.
"Rose" 36, darker markings	JAPANESE WIND- FLOWER	** <i>Anemòne Japónica</i>	One of the best autumn plants. Beautiful large flowers with yellow centres. Leaves handsome and mostly in clumps at base. Good for cutting. Lovely under trees in masses, or in clumps in the border. Leave undisturbed and protect in winter. Prop. by seed and division. Rich soil. China; Japan. See Plate, page 430. "Queen Charlotte," (color no. 40 duller), a fine distinct form having all the good qualities of the type; semi-double flowers. Hort.	2-4½ ft. Sun or half shade	Late Sept. to early Nov.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Rosy pink" 31 & 32	PINK JAPANESE ANEMONE	** <i>Anemone japonica</i> var. <i>rubra</i>	Similar to <i>A. japonica</i> ; flowers and massive foliage of wax-like texture. Good for cutting and attractive for the border and in masses. Treat like <i>A. japonica</i> . Prop. by seed and division. Rich soil. Hort.	4-5 ft. <i>Sun or half shade</i>	Late Sept. to early Nov.
"Lilac rose" near 43	HYBRID ITALIAN STARWORT	* <i>Aster amellus</i> var. <i>hybridus</i>	Beautiful and graceful dwarf Aster, bearing an abundance of large flowers with orange centres. Good for planting in the border. Prop. by seed and division. Europe.	2 ft. <i>Sun</i>	Sept.
"Rose" effect 43	VARIEGATED MEADOW SAFFRON	* <i>Colchicum variegatum</i>	Rather large crocus-like flowers, checkered with purple, appearing before the foliage. Plant in clumps in grassy places or among foliage in rock-garden and border. Bulbous. Sandy loamy soil, rich and light. Asia Minor; Greece.	3-6 in. <i>Sun or half shade</i>	Early Sept. to early Oct.
"Pink etc."	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		July to late Oct.
"Pink"	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365.		July to Oct.
"Pink" 22 very pale centre 33	HALBERT-LEAVED ROSE MALLOW	* <i>Hibiscus militaris</i> <i>H. Virginicus</i>	See page 401.		Aug., early Sept.
"Rose" 36, centre 33	SWAMP ROSE, ROSE MALLOW	* <i>Hibiscus Moscheutos</i> <i>H. palustris</i>	See page 401.		Aug., Sept.
"Pink" 36, spotted 27	SPOTTED LILY	** <i>Lilium speciosum</i> <i>L. lancifolium</i>	See page 401.		"
"Pink" white & 23	HANDSOME MELPO-MENE LILY	** <i>Lilium speciosum</i> var. <i>Melpomene</i>	See page 401		"
"Reddish pink" white & 26 deeper	HANDSOME RED LILY	** <i>Lilium speciosum</i> var. <i>rubrum</i>	See page 401.		"
"Rose" 38 more violet	MUSK MALLOW	* <i>Málva moschata</i>	See page 332.		July to early Sept.
"Pink"	PERENNIAL PHLOX	** <i>Phlox paniculata</i> vars. <i>P. decussata</i>	See page 370.		July to Oct.
"Rose" 27	AUTUMN SQUILL, STARRY HYACINTH	* <i>Scilla autumnalis</i>	See page 333.		Late July to Oct.



CORAL BELLS. *Heuchera sanguinea*.



NEW ENGLAND ASTER. *Aster Nova Anglia.*

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple-pink" 27 lighter	EWER'S TURKESTAN STONECROP	* <i>Sedum Ewersii</i> var. <i>Turkestanicum</i>	More or less trailing plant. Flowers in close globular clusters. Broad glaucous leaves. "Hardy in Mass." Good for carpeting. Prop. preferably by division. Sandy soil best. Turkestan.	4-6 in. Sun	Sept., early Oct.
"Pink"	LYDIAN STONECROP	<i>Sedum Lydium</i>	See page 402.		Aug., Sept.
"Pinkish" dull 22 in effect	LARGEST STONECROP	* <i>Sedum maximum</i>	Vigorous bushy plant, bold and stately. Flowers, spotted with red, in lax panicles. Broad pulpy leaves. Good for massing in the border or rock-garden. Prop. preferably by division. Easily grown in any poor gravelly soil. Europe; Asia. Var. <i>purpureum</i> , purple leaves.	1-2 ft. Sun	Mid. Sept. to early Oct.
"Pink" 38 lighter	SIEBOLD'S STONECROP	* <i>Sedum Sieboldii</i>	See page 402.		Aug. to mid. Sept.
"Rose" 38 or 32 lighter	SHOWY SEDUM	** <i>Sedum spectabile</i> <i>S. Fabaria</i>	See page 402.		Late Aug. to mid. Sept.
"Pinkish" 39 lighter	JAPANESE TOAD LILY	* <i>Tricyrtis hirta</i> <i>T. Japonica</i>	An interesting plant. Lily-like purple-spotted flowers on erect leafy stems. Blooms so late that it is apt to be injured by frost. Associate with Trilliums, etc., in rock-garden. Prop. by offsets. Light sandy loam with leaf-mold. Japan. Var. <i>nigra</i> , desirable as it flowers a few weeks earlier. Hort.	1-3 ft. Half shade	Late Sept., Oct.
"Purple" 46	BESSARABIAN ASTER	* <i>Aster Amellus</i> var. <i>Bessarabicus</i> <i>A. Bessarabicus</i>	See page 403.		Aug., Sept.
Violet" 47	RUSH ASTER	* <i>Aster junceus</i>	See page 337.		July to early Sept.
"Violet" bet. 46 & 47	SAVORY-LEAVED ASTER	* <i>Aster linariifolius</i> <i>Diplopappus linariifolius</i>	See page 337.		July to Oct.
"Violet" 44 pale	LINDLEY'S ASTER	* <i>Aster Lindleyanus</i>	See page 403.		Aug. to early Oct.
"Purple" 48 redder	NEW ENGLAND ASTER OR STARWORT	** <i>Aster Novæ Angliæ</i>	See page 404 and Plate, page 434.		Mid. Aug. to late Sept.
"Blue violet" 44	NEW YORK STARWORT	* <i>Aster Novi Belgii</i>	Vigorous plant with numerous flowers. Shrubbery and border. Prop. by seed and division. Prefers moist soil. N. Amer.	3-5 ft. Sun	Sept., early Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Bluish purple" 41 light	LATE PURPLE ASTER	* <i>Áster patens</i>	Low spreading plant with slender stems. Solitary flowers with yellow centres. Foliage rather rough. One of the weaker and shorter lived species. Border plant. There is a pink var. Prop. by division. Any soil. N. Amer.	1-2 ft. <i>Sun or half shade</i>	Sept.
"Blue violet" 44 pinker	SHORT'S ASTER	** <i>Áster Shórtii</i>	A tall pretty species. Flowers abundant in long clusters in late fall. Good for the border and in groups. Prop. by division. N. Amer.	2-4 ft. <i>Sun or shade</i>	Late Sept. to late Oct.
"Violet" 47	SIBERIAN ASTER OR STARWORT	* <i>Áster Sibíricus</i>	See page 404.		Aug., Sept.
"Purple" 49	LOW SHOWY OR SEASIDE PURPLE ASTER	* <i>Áster spectábilis</i>	See page 404.		Late Aug. to mid. Sept.
"Purple" 46	TARTARIAN ASTER	** <i>Áster Tatáricus</i>	Late blooming species with large flowers. Lance-shaped foliage sometimes 2 ft. long. Effective in the shrubbery or rear of the border. Prop. by seed and division. Siberia.	7 ft or less <i>Sun or half shade</i>	Late Sept., Oct.
"Mauve" 47 light & pinker	PRAIRIE ASTER	** <i>Áster turbinéllus</i>	Graceful plant, valuable for its late flowers, which grow in clusters. Excellent for the border or for naturalization. Prop. by division. Easy of cultivation. N. Amer. See Plate, page 423.	2-4 ft. <i>Sun</i>	Mid. Sept. to Nov.
"Pinkish laven-der" 43 pinker	BROAD- SCALED BOLTONIA	** <i>Boltònia latisquàma</i>	See page 337.		Late July to Oct.
"Purple" 37 deeper	MEADOW SAFFRON	** <i>Cólichicum autumnàle</i>	See page 407.		Aug., Sept.
"Violet" 37 deeper	HANDSOME MEADOW SAFFRON	** <i>Cólichicum speciòsum</i>	Very large crocus-like flowers, varying to pink, appear earlier than the leaves. Plant in clumps in grass or foliage in rock-garden or border. Bulbous. Sandy loamy soil, rich and light. Caucasus.	6-12 in. <i>Sun or half shade</i>	Early Sept. to early Oct.
"Lilac" bet. 44 & 45	SAFFRON CROCUS	<i>Cròcus sativus</i>	The commonest fall-blooming species. Fragrant funnel-form flowers marked with deeper and lighter shades of the same color; sometimes with white. Border or rock-garden. Bulbous. Prop. by offsets. Deep well-drained soil. S. Europe; Asia Minor.	6 in. <i>Sun</i>	Sept., early Oct.
"Bright lilac" 44 or 46	HANDSOME AUTUMN CROCUS	* <i>Cròcus speciòsus</i>	The handsomest kind. Large funnel-form flowers, with prominent orange stigmas, and striped with darker lilac, appear earlier than the long narrow leaves. Charming grouped in the border or rock-garden. Bulbous. Prop. by offsets. Deep well-drained soil. S. Europe; Asia Minor.	6-8 in. <i>Sun</i>	"



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple-plish" 48	MARYLAND DITTANY	* <i>Cunila Mariana</i>	See page 407	4-6 ft. Sun	Aug., Sept.
"Purple-plish"	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		July to late Oct.
"Pale lilac" 47 pale	LANCE-LEAVED DAY OR PLANTAIN LILY	** <i>Funkia lancifolia</i> <i>F. Japonica</i>	See page 340.		Late July to early Sept.
"Violet" 55	COMMON LAVENDER	<i>Lavandula Spica</i>	See page 408.		Late Aug. to mid. Sept.
"Purple" 33 bluer	TWO-FLOWERED BUSH CLOVER	<i>Lespedeza bicolor</i> <i>Desmodium p.</i>	See page 408.		Early Aug., early Oct.
"Rose purple" 39 & 40	VON SIEBOLD'S BUSH CLOVER	** <i>Lespedeza Sieboldi</i> <i>L. formosa</i> , <i>L. racemosa</i> , <i>Desmodium penduliflorum</i>	Splendid vigorous plant. Drooping pea-like flowers in long graceful clusters. Profusion of dull green compound leaves. Ornamental in the border or edge of shrubbery. Prop. by division or green cuttings. Easily cultivated. Japan.		Early Sept. to mid. Oct.
"Purple" 46	LOOSE-FLOWERED BUTTON SNAKEROOT	* <i>Liättris graminifolia</i> <i>Lacinaria graminifolia</i>	See page 341.		July to Oct.
"Purple" 42 lighter	DENSE-SPIKED BLAZING STAR	** <i>Liättris pycnostachya</i>	See page 408.		Aug. to mid. Sept.
"Dark lavender" 47	SCARIOUS BLAZING STAR	** <i>Liättris scariosa</i>	See page 408.		Aug., Sept.
"Deep purple" 46	DENSE BUTTON SNAKE-ROOT, GAY FEATHER	** <i>Liättris spicata</i> <i>Lacinaria spicata</i>	See page 341		Mid. July to early Sept.
"Magenta purple" 45 more purple	COMMON BLAZING STAR, COLIC ROOT	* <i>Liättris squarrosa</i>	See page 408.	2-5 ft. Sun	Aug., early Sept.
"Deep purple" 39	WING-ANGLED LOOSE-STRIFE	<i>Lýthrum alatum</i>	Erect bushy plant. Solitary stemless axillary flowers. Leaves small and numerous, alternate on the flower stalks. Shrubby or water side. Prop. by division. Any moist soil. N. Amer.		Sept., early Oct.
"Deep violet"	VIOLET PRAIRIE CLOVER	<i>Petalostemon violaceus</i> <i>Kuhnistera purpurea</i>	See page 245.		June to frost

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple, lilac"	PERENNIAL PHLOX	**Phlox paniculata vars. <i>P. decussata</i>	See page 370		July to Oct.
"Bluish purple" near 50	SMALL OR LILAC-FLOWERED SCABIOUS	Scabiosa Columbaria	See page 246		June to Oct.
"Purple" 49	MOUNTAIN SKULLCAP	*Scutellaria alpina	See page 343.		Early July to late Sept.
"Dull violet" 47	TALL SEA LAVENDER	Statice elata	See page 344.		Mid. July to early Sept.
"Blue violet" 44	GMELIN'S SEA LAVENDER	Statice Gmelini	See page 344.		Late July to early Sept.
"Bluish purple" 47	BROAD-LEAVED SEA LAVENDER	**Statice latifolia	See page 344		"
"Purple" 41 richer	GREAT IRONWEED	*Vernonia Arkansana <i>V. crinita</i>	Rough, vigorous and strong growing plant. Flower-heads in large flat-topped clusters. Striking for use among shrubs or in the back of border. Prop. by division. Good soil necessary. Mo.; Kan. to Texas; Plains, S. Western U. S. A.	8-12 ft Sun	Mid. Sept. to early Oct.
"Deep blue purple" 55	SUBSESSILE LONG-LEAVED VERONICA	**Veronica longifolia var. subsessilis <i>V. spicata</i>	See page 410.		Early Aug. to mid. Sept
"Violet" 47 or 49	HORNED VIOLET, BEDDING PANSY	**Viola cornuta	See page 48.		Late Apr. until frost
"Deep blue" 56	AUTUMN ACONITE, MONKS-HOOD OR WOLFSBANE	**Aconitum autumnale	See page 345.		Mid. July to mid. Sept.
"Deep purple blue" near 49	TRUE MONKS-HOOD OR OFFICIAL ACONITE	**Aconitum Napellus <i>A. pyramidale</i> , <i>A. Tauricum</i>	See page 345.		Mid. July to early Sept
"Light blue" 44 bluer	SMOOTH ASTER	**Aster laevis	Beautiful species with smooth foliage. Flowers with yellow centres in dense panicles. Good for bold effects in the border or shrubbery. Prop. by seed and division. Any good soil. N. Amer Var. <i>formosissima</i> ; (color no. bet. 44 & 46), late Aug. to late Sept.	4 ft. Sun or half shade	Sept. early Oct.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Lilac blue" 53 lighter & brighter	MAACK'S ASTER	** <i>Aster Mäackii</i>	See page 411		Mid. Aug. to late Sept.
"Cobalt blue" 61	BLUE-FLOWERED LEADWORT	<i>Ceratostigma plumbaginoides Plumbago Lärpentæ, Valeràdia p</i>	See page 411.		Late Aug., Sept.
"Light blue" 44 bluer	HERACLEUM-LEAVED CLEMATIS	* <i>Clématis heracleæfolia C. tubulosa</i>	See page 411.		Aug., Sept.
"Light blue" 46	ERECT HERACLEUM-LEAVED CLEMATIS	** <i>Clématis heracleæfolia var. stans C. stans</i>	Robust plant of erect habit. Tube-shaped flowers in clusters. Excellent foliage. Charming in the border or rock-garden. Prop. by division. Rich deep soil. Japan.	4-5 ft Sun	Sept. early Oct
"Blue" 51	MIST FLOWER	* <i>Conoclinium coelestinum Eupatorium caelestinum</i>	Flowers in tight flat-topped clusters on leafy stems. Useful for the border. Protect slightly in winter Prop. by cuttings. Eastern U. S. A.	1-2 ft. Sun	"
"Amethyst blue" 63 lighter	AMETHYST SEA HOLLY	** <i>Erýngium amethystinum</i>	See page 254.		June to early Sept.
"Blue" 63	BOURGAT'S ERYNGO	* <i>Erýngium Bourgati</i>	See page 348.		Mid. July to early Sept.
"Blue" 63 lighter	DANEWEED, HUNDRED THISTLE	<i>Erýngium campéstre</i>	See page 348.		"
"Deep blue" 56	CLOSED BOTTLE OR BLIND GENTIAN	<i>Gentiàna Andréwsii G. Catesbæi</i>	See page 412		Aug., Sept
"Deep blue" 59 lighter	WILLOW GENTIAN	* <i>Gentiàna asclepiadæa</i>	See page 351.		July to early Sept.
"Blue" 53 lighter	FRINGED GENTIAN	* <i>Gentiàna crinita</i>	A charming native biennial found in damp meadows. Erect with lovely terminal fringed flowers, which close in dull weather Wild or rock-garden. Prop. very slowly by seed, also by division. Leave undisturbed Good moist soil. N. Amer. See Plate, page 441.	1-2 ft Half shade	Sept Oct.
"Blue" 60	WIND FLOWER, HARVEST BELLS	<i>Gentiàna Pneumonanthe</i>	See page 412.		Aug., Sept.
"Light blue" 62 greener	BARREL OR SOAPWORT GENTIAN	* <i>Gentiàna Saponària G. Catesbæi</i>	See page 412.		Aug., Sept.

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Blue" 46	GREAT LOBELIA, BLUE CARDINAL FLOWER	** <i>Lobelia syphilifolia</i>	See page 413.		Mid. Aug. to late Sept.
"Blue" often 56	BALLOON FLOWER, JAPANESE BELL-FLOWER	** <i>Platycodon grandiflorum</i> <i>Wahlenbergia grandiflora</i> , <i>Campanula</i> g.	See page 352.		Early July to Oct.
"Blue" 52	PITCHER'S SAGE	* <i>Salvia azurea</i> var. <i>grandiflora</i> <i>S. Pitcheri</i>	See page 413.		Late Aug., Sept.
"Pale blue" often bet. 43 & 44	GRASS-LEAVED SCABIOUS	* <i>Scabiosa graminifolia</i>	See page 262.		June to Oct.
"Bluish" near 39 paler	WOODLAND SCABIOUS	* <i>Scabiosa sylvatica</i>	See page 262.		Early June to late Sept.
"Blue" 52 dull	STOKES' ASTER	** <i>Stokesia cyanea</i>	See page 414.		Aug. to early Oct.
Parti-colored	FRENCH OR CROZY CANNA	** <i>Canna</i> vars.	See page 357.		July to late Sept.
Parti-colored	ITALIAN CANNA	** <i>Canna</i> vars.	See page 358.		"
"White" & 34	PARKINSON'S CHECKERED MEADOW SAFFRON	* <i>Colchicum Parkinsoni</i>	See page 414.		Aug., Sept.
Parti-colored	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		July to late Oct.
6 shading from 19 to 14	GREAT-FLOWERED GAILLARDIA	** <i>Gaillardia aristata</i> <i>G. grandiflora</i>	See page 263.		June to Nov.
Parti-colored	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365.		July to Oct.
Various	FRENCH OR CROZY CANNA	** <i>Canna</i> vars.	See page 357.		July to late Sept.
Various	ITALIAN CANNA	** <i>Canna</i> vars.	See page 358.		"
Various	HARDY CHRYSANTHEMUM	* <i>Chrysanthemum</i> vars.	Single Hardy Chrysanthemums. Pretty daisy-like flowers, effective but less known than the button form. Require protection when in bloom. Prop. by seed and cuttings. Any good garden soil. Hort. Some good	2-3 ft. Sun	Sept., Oct.



FRINGED GENTIAN. *Gentiana crinita*.



SINGLE AND DOUBLE HARDY CHRYSANTHEMUMS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p>vars. are:—<i>*Boston</i>; (effect color nos. 10 to 13 redder, centre 4), yellowish orange. <i>Constance</i>; (sulphur-white with centre color no. 4), yellowish white with dull yellow centre. <i>*Miss Rhoe</i>; (color no. 6 lightly suffused with 13), rich yellow tinged with orange. <i>*Sir Walter Raleigh</i>; (color nos. 10 to 14), yellow merging into terra cotta. <i>*Northumberland</i>; (effect 19 deep, centre 4), vermilion with yellow centre.</p> <p><b>Anemone-flowered Pompon Chrysanthemums.</b> Pretty single flowers resembling Japanese Anemones, less hardy than the Button Pommoms, but grown in open air successfully. Protect in winter. Prop. by seed and cuttings. Rich mellow soil. Hort. Some good vars. are:—<i>Antonius</i>, bright yellow. <i>Clara Owen</i>, pale straw color. <i>Descartes</i>, crimson-red. <i>*Emily Rowbottom</i>; (white with centre color no. 2), white with pale yellow centre. <i>*Reine des Anemones</i>; (white tinged with color no. 36 pale, centre 4 dull), pinkish white with large yellow centre. <i>Rose Marguerite</i>; (color bet. nos. 40 &amp; 41, centre dull 4), dull magenta with large yellow centre.</p> <p><b>Aster or Large-flowering Pompon Chrysanthemums.</b> Brilliantly beautiful large double flowers, larger and looser petaled than the old-fashioned button-shaped Pommoms and not as hardy. Effective in rows or masses in border or edge of shrubbery. Prop. by seed and cuttings. Any good garden soil. Hort. See Plate, page 442. The following are some of the best kinds:</p> <p><b>White vars.:</b> <i>Asbury</i>, sulphur-white. <i>Hester</i>, pearl-white. <i>**Prince of Wales</i>, pure white. <i>*Queen of the Whites</i>, pure white. <i>*Sœur Mélanie</i>, pure white, rather ragged petals. <i>St. Anselm</i>, pure white.</p> <p><b>Yellow vars.:</b> <i>*Allen Town</i>; (color no. bet. 6 pale &amp; 7), semi-double. <i>Bohemia</i>; (color no. 3), clear yellow. Petals rather large and semi-double. <i>*Douchelaori</i>; (color no. 3), clear yellow. <i>Fred J.</i>; (color no. 6 very light), warm light yellow. <i>*Globe d'Or</i>; (color no. 3 light), clear yellow. A standard var. <i>Sir Michael</i>; (color no. 3), lemon-yellow. <i>Sunshine</i>; (color no. 3), clear yellow. Petals somewhat ragged. <i>Zenobia</i>; (color no. 3), rather large and loose petals.</p>		

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			<p><b>Orange, Red and Terra Cotta vars.:</b> <i>Alice Carey</i>, bright orange. <i>**Cowenton</i>; (color no. 13 light streaked with 4), terra cotta and yellow. <i>*Montclair</i>; (color no. 13 streaked with 4), terra cotta and yellow. <i>Mrs. Porter</i>; (color no. 2 pale suffused with color no. bet. 13 &amp; 14), bronze. <i>*Mrs. Vincent</i>; (color no. 35), maroon-red. <i>*Patterson</i>; (color no. 3 suffused with 13 light), "old gold." <i>Sadie</i>, "bronze-orange." <i>*Sunset</i>; (color no. 16 suffused with 13 redder), rich terra cotta. <i>The Czar</i>; (color no. 7 pale, much suffused with 13 &amp; 14), "golden bronze."</p> <p><b>Pink vars.:</b> <i>Arabella</i>, "crimson-salmon." <i>Blenheim</i>, "silver-pink." <i>Cerise Queen</i>, "cerise-pink." <i>Constance</i>, light pink. <i>Daybreak</i>, "daybreak-pink." <i>Duluth</i>, "salmon-pink." <i>Empress</i>, rose-pink. <i>Gloire de France</i>, "silver-pink." <i>*Hijos</i>; (color no. 22 shading to cream-white), primrose-pink. Large. <i>Lady de Vaul</i>, "violet-pink." <i>Madeline</i>, pink. <i>Salem</i>, rose-pink. <i>*Sheridan</i>; (color no. 22 suffused with 25 redder), deep rose-pink. <i>Crola</i>; (color no. bet. 32 &amp; 39), rosy pink suffused with color no. 36), pink. <i>*Viola</i>; (color no. bet. 32 &amp; 39), rosy pink.</p> <p><b>Lilac and Magenta vars.:</b> <i>*Fred Peele</i>; (color no. 32), light lilac. <i>Hamlet</i>; (color nos. 27 &amp; 33), crimson-magenta. <i>*King Philip</i>; (color no. 33 dull and dark), dark crimson-magenta. <i>Little Pet</i>; (color no. 33), crimson-magenta. Very small button.</p> <p><b>Button or Small-flowering Pompon Chrysanthemums.</b> Charming and effective double flowers, the last to succumb to winter, blooming after the frost and even in the snow. Decorative massed in the border or edge of shrubbery. Prop. by seed and cuttings. Any good garden soil. Hort. See Plate, page 442. The following are a few of the best vars.:</p> <p><b>White vars.:</b> <i>Anna Mary</i>, creamy white. <i>*James Boon</i>, pure white. <i>L'Ami Conderchet</i>, cream-white. Very small but numerous flowers. <i>Norwood</i>, pure white. <i>Paragon</i>, pure white. <i>*Snowdrop</i>, pure white. Very small.</p> <p><b>Yellow vars.:</b> <i>Fashion</i>, "maize-yellow." <i>Golden Fleece</i>, pure yellow. <i>Mignon</i>; (color no. 4), rich golden yellow. Very small button. <i>*Savannah</i>; (color no. 3 intense), intense yellow.</p>		



Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
			low, small button. <i>Tennyson</i> , pure yellow. <b>Orange vars.:</b> <i>Agalia</i> , light orange. * <i>Golden Pheasant</i> ; (color no. 13), deep orange-yellow. * <i>Goldfinch</i> ; (color nos. 6 & 13 light), "golden yellow shaded crimson." Effect orange. <i>Henrietta</i> ; (color no. 13), bright yellowish terra cotta. <b>Red vars.:</b> * <i>Black Douglas</i> , dark maroon. <i>Dundee</i> , "scarlet-maroon." <i>Erminie</i> ; (effect color no. 13 redder), bright orange-scarlet. <i>Little Bob</i> , brownish crimson. * <i>Northumberland</i> ; (effect color no. 19 deep, centre 4), cardinal. Pretty single flower. <i>Ruby Queen</i> ; (color no. 34), garnet-red with yellow centre. <i>Rufus</i> ; (color no. 14 redder), pure terra cotta. <b>Pink vars.:</b> <i>Austin</i> , "pink." <i>Blushing Bride</i> , "light pink." * <i>Dawn</i> ; (color no. 36 shading to 33), pale shading to deeper shell-pink. <i>Dinizulu</i> ; (color no. 38 to white), bluish pink. <i>Jeanette</i> , deep rose. * <i>Rhoda</i> ; sulphur-white.		
Various	DAHLIA	** <i>Dahlia</i> vars.	See page 359.		July to late Oct.
Various	SWORD LILY	** <i>Gladiolus</i> vars.	See page 365.		July to Oct.
Various	PERENNIAL PHLOX	** <i>Phlox paniculata</i> vars. <i>P. decussata</i>	See page 370.		"
Various	MOUNTAIN FLEECE	* <i>Polygonum amplexicaule</i> <i>P. multiflorum</i> , <i>P. oxyphyllum</i> , <i>P. speciosum</i>	Tufted plant with rose-red or creamy white flowers in spikes. Numerous heart-shaped leaves. Suitable for the border. Prop. by division, sometimes by seed. Any garden soil. Himalaya.	2-3 ft. <i>Sun or half shade</i>	Sept., early Oct.
Various	PANSY, HEART'S-EASE	* <i>Viola tricolor</i>	See page 68.		Mid. Apr. to mid. Sept.

## THE BEST HERBACEOUS PLANTS\*

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Acanthus mollis</i> & var. <i>latifolius</i>	BEAR'S BREECH & VAR.	July, Aug.	Various, purple	3-4 ft.	Sun	354, 337
<i>Acanthus spinosissimus</i>	VERY PRICKLY BEAR'S BREECH	"	Various	"	"	357
<i>Acanthus spinosus</i>	PRICKLY BEAR'S BREECH	"	"	"	"	357
<i>Achillea Ptarmica</i> var. "The Pearl"	DOUBLE SNEEZEWORT	June to Oct.	White	1½-2½ ft.	"	167
<i>Aconitum autumnale</i>	AUTUMN ACONITE	Mid. July to mid. Sept.	Blue	3-5 ft.	Sun or shade	345
<i>Aconitum Napellus</i> & var. <i>album</i>	TRUE MONKSHOOD & VAR.	Mid. July to early Sept.	Blue, white	3-4 ft.	"	27, 274
<i>Aconitum uncinatum</i>	WILD MONKSHOOD	Mid. June to Sept.	Purple	3-5 ft.	Sun or half shade	233
<i>Adonis vernalis</i>	SPRING ADONIS	Mid. Apr. to June	Yellow	8-15 in.	"	23
<i>Ajuga Genevensis</i>	ERECT BUGLE	May	Blue	6-8 in.	Sun or shade	141
<i>Ajuga reptans</i>	BUGLE	Early May to mid. June	"	3-4 in.	"	141
<i>Allium Moly</i>	GOLDEN GARLIC	Mid. Apr. to June	Yellow	1 ft.	"	24
<i>Althæa rosea</i>	HOLLYHOCK	July, Aug.	Various	5-8 ft.	Sun	357
<i>Alyssum saxatile</i>	ROCK MADWORT	Mid. Apr. to late May	Yellow	1 ft.	"	24
<i>Alyssum saxatile</i> var. <i>compactum</i>	COMPACT ROCK MADWORT	Mid. Apr. to June	"	"	"	24
<i>Amsonia Tabernæmontana</i>	AMSONIA	Late May, early June	Blue	2-3 ft.	"	142
<i>Anemone Japonica</i> & vars.	JAPANESE WINDFLOWER & VARS.	Late Sept. to early Nov.	Rose, white, pink	2-5 ft.	Sun or half shade	431, 416
<i>Anemone sylvestris</i>	SNOWDROP WINDFLOWER	Late Apr. to mid. July	White	1-1½ ft.	"	11
<i>Aquilegia cærulea</i>	LONG-SPURRED COLUMBINE	Mid. May to July	Blue	"	Sun	145
<i>Aquilegia chrysantha</i>	GOLDEN-SPURRED COLUMBINE	Late May to late Aug.	Yellow	3-4 ft.	"	96
<i>Aquilegia formosa</i> var. <i>hybrida</i>	HYBRID CALIFORNIAN COLUMBINE	Mid. May to July	Red	1-1¼ ft.	"	114
<i>Aquilegia glandulosa</i>	ALTAIAN COLUMBINE	May, June	Blue	1-1½ ft.	"	145

\* All plants in this list are prefixed in the previous text by a double star, indicating their excellence.

# BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Aquilegia vulgaris</i> var. <i>nivea</i>	WHITE COLUMBINE	Mid. May to July	White	2-3 ft.	Sun	72
<i>Arabis alba</i>	WHITE ROCK CRESS	Early Apr. to June	"	6-8 in.	"	11
<i>Armeria maritima</i>	CUSHION PINK	Mid. May to mid. June	Pink	3-6 in.	"	118
<i>Armeria maritima</i> var. <i>Lauchiana</i>	LAUCHE'S THRIFT	Late Apr. to mid. June	"	"	"	39
<i>Asclepias tuberosa</i>	BUTTERFLY WEED	Early July to early Aug.	Orange	2-3 ft.	"	317
<i>Aster alpinus</i> & var. <i>albus</i>	BLUE ALPINE ASTER & VAR.	Late May to late June	Violet, white	3-10 in.	Sun or half shade	128, 75
<i>Aster lœvis</i>	SMOOTH ASTER	Sept., early Oct.	Blue	4 ft.	"	438
<i>Aster Novæ Angliæ</i>	NEW ENGLAND ASTER	Mid. Aug. to late Sept.	Purple	3-7 ft.	Sun	404
<i>Aster Shortii</i>	SHORT'S ASTER	Late Sept. to late Oct.	Violet	2-4 ft.	Sun or shade	435
<i>Aster Tartaricus</i>	TARTARIAN ASTER	Late Sept., Oct.	Purple	7 ft. or less	Sun or half shade	436
<i>Aster turbinellus</i>	PRAIRIE ASTER	Mid. Sept. to Nov.	Mauve	2-4 ft.	Sun	436
<i>Astilbe Chinensis</i>	CHINESE GOAT'S BEARD	July, early Aug.	Pink	1½-2 ft.	Half shade	329
<i>Astilbe decandra</i>	FALSE GOAT'S BEARD	Early June to early July	White	3-6 ft.	"	168
<i>Astilbe Japonica</i>	JAPANESE FALSE GOAT'S BEARD	Mid. June to mid. July	"	1-3 ft.	"	168
<i>Aubrietia deltoidea</i>	PURPLE ROCK CRESS	Early Apr. to late May	Violet	2-10 in.	Sun or half shade	43
<i>Baptisia australis</i>	BLUE WILD INDIGO	Late May to mid. June	Blue	4-4½ ft.	Sun	277
<i>Bocconia cordata</i>	PLUME POPPY	Early July to early Aug.	White	3-8 ft.	"	277
<i>Boltonia glastifolia</i>	WOAD-LEAVED BOLTONIA	Aug., Sept.	"	4-5 ft	"	376
<i>Boltonia latisquama</i>	BROAD-SCALED BOLTONIA	Late July to Oct.	Lavender	4 ft.	"	337
<i>Bulbocodium</i> <i>vernum</i>	SPRING MEADOW SAFFRON	Apr.	Purple	4-6 in.	"	44
<i>Campanula</i> <i>Carpatica</i> & var. <i>alba</i>	CARPATHIAN HAIRBELL & VAR.	Late June to late Aug.	Violet, white	9-18 in.	"	237, 171
<i>Campanula</i> <i>Carpatica</i> var. <i>turbinata alba</i>	WHITE TURBAN BELLFLOWER	July, Aug.	White	6-12 in	"	278
<i>Campanula</i> <i>glomerata</i>	CLUSTERED BELLFLOWER	June, July	Purple	1-2 ft	"	237
<i>Campanula latifolia</i> var. <i>macrantha</i>	LARGE- BLOSSOMED BELLFLOWER	Early June, July	"	3-5 ft.	Sun or shade	238

# BEST HERBACEOUS PLANTS

Botanical Name	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page
Campanula Medium	CANTERBURY BELLS	Late June, July	Various	1½-4 ft.	Sun	264
Campanula nobilis	NOBLE BELLFLOWER	Mid. June to Aug.	"	2 ft.	"	264
Campanula persicifolia	PEACH-LEAVED BELLFLOWER	Early June to mid. July	Violet	1½-3 ft.	"	238
Campanula persicifolia var. alba	WHITE PEACH-LEAVED BELLFLOWER	Early June to early July	White	1½-3 ft.	"	171
Campanula persicifolia vars. Backhousei & Moerheimi	BACKHOUSE'S & MOERHEIM'S PEACH-LEAVED BELLFLOWERS	June, July	"	1½-3 ft.	"	171
Campanula pyramidalis	CHIMNEY CAMPANULA	July, Aug.	Blue	4-6 ft.	"	346
Campanula rotundifolia	ENGLISH HAIRBELL	June to late Aug.	Violet	6-12 in.	"	238
Campanula Van Houttei	VAN HOUTTE'S BELLFLOWER	Early June to mid. July	"	2 ft.	"	238
Canna vars.	FRENCH & ITALIAN CANNA	July to late Sept.	Various	3-4½ ft.	"	357-358
Centaurea macrocephala	CENTAURY	Mid. July to Sept.	Yellow	2½-3 ft.	"	295
Centaurea montana	MOUNTAIN BLUET	June to Sept.	Purple	12-20 in.	"	239
Centaurea montana vars. alba & rosea	WHITE & ROSY MOUNTAIN BLUETS	Late May to early July	White, rose	9-20 in.	"	75, 121
Chionodoxa Luciliæ & var. gigantea	GLORY OF THE SNOW	Mid. Mar. to early May	Blue	3-8 in.	Sun or half shade	7
Chrysanthemum vars.	HARDY CHRYSANTHEMUM	Sept., Oct.	Various	2-3 ft.	Sun	440
Chrysanthemum coccineum	RED CHRYSANTHEMUM	June, July	"	1-2 ft.	"	264
Chrysanthemum maximum	LARGE-FLOWERED WHITEWEED	"	White	1 ft.	"	172
Chrysanthemum uliginosum	GIANT DAISY	Aug., Sept.	"	4-5 ft.	"	376
Clematis heracleæfolia var. stans	ERECT HERACLEUM-LEAVED CLEMATIS	Sept., early Oct.	Blue	"	"	439
Clematis recta	WHITE HERBACEOUS VIRGIN'S BOWER	Early June to mid. July	White	2-3 ft	"	173
Colchicum autumnale	MEADOW SAFFRON	Aug., Sept.	Purple	3-4 in.	Sun or half shade	407
Colchicum speciosum	HANDSOME MEADOW SAFFRON	Early Sept. to early Oct.	Violet	6-12 in.	"	436

# BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Convallaria majalis</i>	LILY-OF-THE-VALLEY	Mid. May to mid. June	White	8 in.	Half shade or shade	75
<i>Coreopsis grandiflora</i>	LARGE-FLOW-ERED TICKSEED	June to Sept.	Yellow	1-2 ft.	Sun	196
<i>Coreopsis lanceolata</i>	LANCE-LEAVED TICKSEED	June to Sept.	"	"	"	196
<i>Crocus</i> vars.	CROCUS	Mid. Mar. to late Apr.	Various	6-8 in.	Sun or half shade	8
<i>Crocus biflorus</i>	SCOTCH CROCUS	"	Parti-colored	"	"	8
<i>Crocus Susianus</i>	CLOTH OF GOLD CROCUS	"	Yellow	3 in.	"	4
<i>Crocus vernus</i>	SPRING CROCUS	"	Various	4-5 in.	"	8
<i>Cypripedium pubescens</i>	LARGE YELLOW LADY'S SLIPPER	May, June	Yellow	1-2 ft.	Shade	99
<i>Cypripedium spectabile</i>	SHOWY LADY'S SLIPPER	June	White	1-2½ ft.	Half shade or shade	174
<i>Dahlia</i> vars.	CACTUS, DECORATIVE, FANCY, QUILLED SHOW & SINGLE DAHLIAS	Late July to late Oct.	Various	3-6 ft.	Sun	359, 360, 363, 364
<i>Daphne Cneorum</i>	GARLAND FLOWER	Late Apr., May	Pink	6-12 in.	Sun or half shade	39
<i>Delphinium elatum</i>	BEE LARKSPUR	June to Sept.	Blue	2-6 ft.	"	253
<i>Delphinium formosum</i>	ORIENTAL LARKSPUR	June, July	"	2-3 ft.	"	253
<i>Delphinium grandiflorum</i> & var. <i>album</i>	GREAT-FLOW-ERED LARKSPUR & VAR.	July, Aug.	Blue, white	1-2 ft.	Sun	347, 282
<i>Delphinium grandiflorum</i> var. <i>Chinense</i>	CHINESE LARKSPUR	June, July	Various	1-2 ft.	"	267
<i>Delphinium hybridum</i>	HYBRID LARKSPUR	"	Blue	3-4 ft.	Sun or half shade	254
<i>Dianthus barbatus</i>	SWEET WILLIAM	"	Various	10-18 in.	Sun	267
<i>Dianthus cinnabarinus</i>	CINNAMON PINK	July, Aug.	Pink	1 ft.	"	330
<i>Dianthus cruentus</i>	DARK RED PINK	June, July	Red	1-1½ ft.	"	213
<i>Dianthus deltoides</i>	MAIDEN PINK	May, June	Pink	6-9 in.	"	121
<i>Dianthus latifolius</i>	BROAD-LEAVED PINK	June to Sept.	"	6-12 in.	"	224
<i>Dianthus</i> "Miss Simkins"	PINK MISS SIMKINS	Late May to late June	White	4-6 in.	"	76
<i>Dianthus plumarius</i>	SCOTCH PINK	"	Pink	1 ft.	"	122
<i>Dianthus plumarius</i> vars.	GARDEN PINK	June	"	8-12 in.	"	227
<i>Dianthus plumarius</i> vars. <i>alba plena</i> & "White Witch"	DOUBLE WHITE GARDEN PINKS	"	White	8-12 in.	"	174

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Botanical Name.	English Name	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Dianthus Seguierii</i>	SEGUIER'S PINK	Late June, July	Rose	1 ft.	Sun	227
<i>Dicentra eximea</i>	WILD BLEEDING HEART	Early June to Aug.	"	1-2 ft.	Half shade	227
<i>Dicentra spectabilis</i>	BLEEDING HEART	Late Apr. to mid. July	"	"	Half shade best	40
<i>Dictamnus albus</i> & var. <i>rubra</i>	GAS PLANT	June, July	White, pink	2-3 ft.	Sun or half shade	174, 227
<i>Digitalis purpurea</i> & var. <i>alba</i>	COMMON FOX-GLOVE & VARS.	June, early July	Various, white	2-3 ft.	"	267, 174
<i>Echinacea purpurea</i>	PURPLE CONEFLOWER	July, Aug.	Pink	2-3½ ft.	Sun	330
<i>Echinops Ritro</i>	RITRO GLOBE THISTLE	"	Blue	2-3 ft.	"	348
<i>Eranthis hyemalis</i>	COMMON WINTER ACONITE	Mar., Apr.	Yellow	3-8 in.	Sun or half shade	4
<i>Erigeron speciosus</i>	SHOWY FLEABANE	June, July	Lilac	1½-2 ft.	Sun	240
<i>Eryngium amethystinum</i>	AMETHYST SEA HOLLY	June to early Sept.	Blue	1-3 ft.	"	254
<i>Eryngium planum</i>	FLAT-LEAVED ERYNGO	July, Aug.	"	"	"	348
<i>Erythronium albidum</i>	WHITE DOG-TOOTH VIOLET	Late Apr., May	White	6 in.	Half shade	15
<i>Erythronium Americanum</i>	COMMON ADDER'S TONGUE	Late Apr. to late May	Yellow	"	"	27
<i>Erythronium Dens-Canis</i>	COMMON DOG-TOOTH VIOLET of Europe	Late Apr., May	Lilac	4-6 in.	"	44
<i>Erythronium grandiflorum</i>	LARGE-FLOW-ERED DOGTOOTH VIOLET	Late Apr. to mid. May	Yellow	6 in.	Half shade or shade	27
<i>Fritillaria Imperialis</i>	CROWN IMPERIAL	Mid. Apr. to mid. May	Various	2-3 ft	Sun or half shade	56
<i>Fritillaria Meleagris</i>	GUINEA-HEN FLOWER	Late Apr. to late May	"	10-12 in.	Sun or shade	59
<i>Fritillaria Meleagris</i> var. <i>alba</i>	WHITE GUINEA-HEN FLOWER	Late Apr., May	White	1 ft	"	15
<i>Funkia lancifolia</i>	LANCE-LEAVED DAY LILY	Late July to early Sept.	Lilac	1-2 ft.	Half shade best	340
<i>Funkia subcordata</i> var. <i>grandiflora</i>	LARGE-FLOW-ERED SUBCORDATE PLANTAIN LILY	Late Aug., Sept.	White	"	Half shade	380
<i>Gaillardia aristata</i>	GREAT-FLOW-ERED GAILLARDIA	June to Nov.	Parti-colored	1½-3 ft	Sun	263
<i>Galanthus Elwesii</i>	GIANT SNOWDROP	Mar., Apr.	White	6-12 in.	Sun or half shade	3
<i>Galanthus nivalis</i>	COMMON SNOWDROP	"	"	4-6 in	"	3

## BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Galanthus plicatus</i>	PLAITED SNOWDROP	Mar. to early May	White.	4-8 in.	Sun or half shade	3
<i>Galtonia candicans</i>	CAPE HYACINTH	July, Aug.	"	3-5 ft.	"	284
<i>Geranium sanguineum</i>	BLOOD-RED CRANESBILL	Late May to mid. July	Crimson	1½-2 ft.	"	115
<i>Gladiolus</i> vars.	SWORD LILY	July to Oct.	Various	3-4½ ft.	Sun	365
<i>Gypsophila paniculata</i>	BABY'S BREATH	July, Aug.	White	2-3 ft.	"	285
<i>Helenium autumnale</i>	SNEEZEWEED	Aug. to late Sept.	Yellow	2-5 ft.	"	386
<i>Helenium autumnale</i> vars. <i>grandiflorum</i> , <i>pumilum</i> & <i>superbum</i>	SNEEZEWEED	Aug., Sept.	Yellow	1-6 ft.	"	386
<i>Helenium Hoopesii</i>	HOOPES'S SNEEZEWEED	Late May to late June	Yellow	1-3 ft.	"	102
<i>Helenium nudiflorum</i> var. <i>grandicephalum striatum</i>	STRIPED PURPLE-HEADED SNEEZEWEED	Aug.	Orange	3-4 ft.	"	393
<i>Helianthus mollis</i>	HAIRY SUNFLOWER	July, Aug.	Yellow	2-5 ft.	"	300
<i>Helianthus rigidus</i> var. "Miss Mellish"	STIFF SUNFLOWER MISS MELLISH	Late Aug., Sept.	"	6 ft.	"	387
<i>Hemerocallis Dumortierii</i>	DUMORTIER'S DAY LILY	June, July	Orange	1-2 ft.	Sun or half shade	210
<i>Hemerocallis flava</i>	LEMON LILY	June, early July	Yellow	3 ft.	Half shade	199
<i>Hemerocallis Middendorffii</i>	MIDDENDORF'S YELLOW DAY LILY	Late June, July	"	1-3 ft.	"	199
<i>Hemerocallis Thunbergii</i>	THUNBERG'S YELLOW DAY LILY	"	"	3-4 ft.	Sun or half shade	199
<i>Heuchera sanguinea</i>	CORAL BELLS	June to late Sept.	Red	1-1½ ft.	"	213
<i>Hypericum Kalmianum</i>	KALM'S ST. JOHN'S-WORT	Aug.	Yellow	2-4 ft.	Shade	388
<i>Hypericum Moserianum</i>	GOLD FLOWER	July, Aug.	"	2 ft.	Sun or half shade	303
<i>Hyacinthus orientalis</i>	DUTCH HYACINTH	Late Apr., May	Various	8-18 in.	Sun	59
<i>Iberis sempervirens</i>	EVERGREEN CANDYTUFT	May, early June	White	9-15 in.	Sun or half shade	78
<i>Iberis Tenoreana</i>	TENORE'S CANDYTUFT	"	"	9-12 in.	Half shade	78
<i>Iris cristata</i>	CRESTED DWARF IRIS	Late May to July	Lilac	4-9 in.	Sun	135
<i>Iris Florentina</i>	FLORENTINE FLAG	May, early June	White	1-2 ft.	Half shade	78
<i>Iris Germanica</i> vars.	GERMAN IRIS	Late May to July	Purple & lavender	1½-3 ft.	Sun	135, 156

# BEST HERBACEOUS PLANTS

Botanical Name.	English Name	Time of Bloom.	Color.	Height.	Situation	Page.
<i>Iris lævigata</i>	JAPANESE IRIS	June, July	Various	2-3 ft.	Sun	267
<i>Iris neglecta</i>	NEGLECTED IRIS	Late May to early June	Blue	1½-2 ft.	"	149
<i>Iris pallida</i>	GREAT PURPLE FLAG	Late May to July	Violet	2-4 ft.	Sun or half shade	135
<i>Iris plicata</i>	PLAITED FLAG	"	Lilac	"	"	135
<i>Iris Sibirica</i> & var. <i>alba</i>	SIBERIAN FLAG & VAR.	Late May to mid. June	Violet, white	2-3 ft.	Sun	136, 78
<i>Iris Sibirica</i> var. <i>orientalis</i>	EASTERN SIBERIAN IRIS	June, early July	Blue	1-2½ ft.	"	257
<i>Iris xiphioides</i>	ENGLISH IRIS	Late June, July	Purple	1-2 ft.	"	242
<i>Iris Xiphium</i>	SPANISH IRIS	Mid. June to July	Blue	"	"	258
<i>Kniphofia Pfitzerii</i>	EVERBLOOMING FLAME FLOWER	Early Aug. to early Oct.	Orange	3-4 ft.	Sun or half shade	393
<i>Lathyrus vernus</i>	SPRING BITTER VETCH	Mid. Apr. to late May	Violet	12-15 in.	Sun	47
<i>Lathyrus vernus</i> var. <i>albus</i>	WHITE SPRING BITTER VETCH	Late Apr., May	White	1-2 ft.	Sun or half shade	16
<i>Lespedeza Sieboldi</i>	VON SIEBOLD'S BUSH CLOVER	Early Sept. to mid. Oct	Purple	4-6 ft.	Sun	437
<i>Liatris pycnostachya</i>	DENSE-SPIKED BLAZING STAR	Aug. to mid. Sept.	"	3-5 ft.	Half shade	408
<i>Liatris scariosa</i>	SCARIOUS BLAZING STAR	Aug., Sept.	Lavender	1-5 ft.	Sun	408
<i>Liatris spicata</i>	DENSE BUTTON SNAKEROOT	Mid. July to early Sept.	Purple	2-5 ft.	Sun or half shade	341
<i>Lilium auratum</i>	GOLD-BANDED LILY	Mid. July to mid. Aug.	White	2-4 ft.	"	286
<i>Lilium Browni</i>	BROWN'S LILY	July, Aug.	Parti-colored	3-4 ft.	Half shade	354
<i>Lilium Canadense</i>	WILD YELLOW LILY	June, July	Various	1-4 ft.	Sun or half shade	268
<i>Lilium candidum</i>	MADONNA LILY	"	White	3-5 ft.	"	180
<i>Lilium elegans</i>	THUNBERGIAN LILY	"	Orange	1-2 ft.	"	214
<i>Lilium elegans</i> var. "Alice Wilson"	THUNBERGIAN LILY ALICE WILSON	July	Yellow	"	Sun or shade	304
<i>Lilium elegans</i> var. <i>alutaceum</i>	YELLOW THUNBERGIAN LILY	"	"	8-10 in.	Sun or half shade	304
<i>Lilium elegans</i> var. <i>fulgens</i>	SHINING THUNBERGIAN LILY	Mid. July to early Aug.	Apricot	1-3½ ft.	Sun or shade	318
<i>Lilium elegans</i> var. <i>Wallacei</i>	WALLACE'S THUNBERGIAN LILY	July	"	1-2½ ft.	Sun or half shade	318
<i>Lilium maculatum</i>	SPOTTED LILY	June, July	Orange	3-4 ft.	"	211
<i>Lilium pardalinum</i>	PANTHER LILY	July	Red	2-3 ft.	Half shade	323
<i>Lilium Parryi</i>	PARRY'S LILY	June, July	Yellow	2-6 ft.	Shade	200



# BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Lilium speciosum</i> & vars. <i>Melpomene</i> & <i>rubrum</i>	SPOTTED LILY & VARS.	Aug., Sept.	Pink	2-4 ft.	<i>Sun or half shade</i>	401
<i>Lilium superbum</i>	AMERICAN TURK'S CAP LILY	Early July to early Aug.	Orange	3-6 ft.	"	321
<i>Lilium tenuifolium</i>	SIBERIAN CORAL LILY	Late June, July	Scarlet	1-2 ft.	<i>Sun</i>	214
<i>Lilium testaceum</i>	NANKEEN LILY	Mid. June to mid. July	Buff	2-6 ft.	<i>Sun or half shade</i>	203
<i>Lilium tigrinum</i>	TIGER LILY	Mid. June to Sept.	Orange	2-5 ft.	"	321
<i>Linum perenne</i>	PERENNIAL FLAX	Mid. May to Aug.	Blue	1-1½ ft.	"	149
<i>Lobelia cardinalis</i>	CARDINAL FLOWER	Aug. to mid. Sept.	Crimson	2-4 ft.	<i>Sun or shade</i>	396
<i>Lobelia syphilitica</i>	GREAT LOBELIA	Mid. Aug. to late Sept.	Blue	1-3 ft.	<i>Sun</i>	413
<i>Lobelia syphilitica</i> var. <i>alba</i>	GREAT WHITE LOBELIA	Mid. Aug. to Oct.	White	2-3 ft.	"	381
<i>Lupinus polyphyllus</i> & var. <i>albiflorus</i>	TALL BLUE-FLOWERED PERENNIAL LUPINE & VAR.	June, July	Purple, white	2-5 ft.	"	242, 180
<i>Lychnis Chalcedonica</i>	MALTESE CROSS	Early June to mid. July	Scarlet	2-3 ft.	<i>Sun or shade</i>	214
<i>Lychnis Chalcedonica</i> vars. <i>alba</i> & <i>alba plena</i>	SINGLE & DOUBLE WHITE MALTESE CROSS	June to early Aug.	White	"	<i>Sun</i>	289
<i>Lychnis Viscaria</i> var. <i>splendens</i>	BRILLIANT GERMAN CATCHFLY	June	Red	6-20 in.	"	217
<i>Lysimachia clethroides</i>	JAPANESE LOOSESTRIFE	Mid. June to late July	White	2-3 ft.	"	180
<i>Monarda didyma</i>	OSWEGO TEA	Mid. June to early Sept.	Red	1½-2½ ft.	<i>Sun or shade</i>	217
<i>Muscari botryoides</i> & var. <i>album</i>	COMMON GRAPE HYACINTH	Apr., May	Blue, white	6-9 in.	<i>Sun or half shade</i>	52, 16
<i>Muscari comosum</i> var. <i>monstrosum</i>	FEATHERED HYACINTH	"	Blue	1 ft.	"	52
<i>Myosotis palustris</i> var. <i>semperflorens</i>	EVER-FLOWERING FORGET-ME-NOT	May to Sept.	Blue	8 in.	<i>Shade</i>	153
<i>Narcissus incomparabilis</i> & vars.	STAR DAFFODIL & VARS.	Mid. Apr. to mid. May	Yellow	12-15 in.	<i>Half shade best</i>	28
<i>Narcissus poeticus</i>	PHEASANT'S EYE	May	White	"	"	82
<i>Narcissus Pseudo-Narcissus</i> vars.	COMMON DAFFODIL	Late Apr., May	Yellow	12-18 in.	"	31
<i>Oenothera fruticosa</i>	SUNDROPS	June, July	"	1-3 ft.	<i>Half shade</i>	204
<i>Oenothera glauca</i> var. <i>Fraseri</i>	FRASER'S EVENING PRIMROSE	June to Sept.	"	2-3 ft.	<i>Sun</i>	204

# BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Oenothera Missouriensis</i>	MISSOURI PRIMROSE	June to early Aug.	Yellow	10 in.	<i>Half shade</i>	204
<i>Pæonia</i> vars.	HERBACEOUS PEONY	June	Various	3-4 ft.	<i>Sun or half shade</i>	268
<i>Pæonia albiflora</i> & vars.	WHITE-FLOW-ERED PEONY & VARS.	Late May to mid. June	"	2-4 ft.	"	85, 159
<i>Pæonia officinalis</i> & vars.	COMMON GARDEN PEONY	Mid. May to mid. June	Crimson	2-3 ft.	<i>Half shade</i>	116
<i>Papaver alpinum</i>	ALPINE POPPY	Mid. May to early June	White	6 in.	<i>Sun</i>	86
<i>Papaver nudicaule</i>	ICELAND POPPY	Late Apr. to July, late Aug. to Oct.	Yellow	9-15 in.	"	35
<i>Papaver nudicaule</i> var. <i>album</i>	WHITE ICELAND POPPY	Late Apr. to mid. June, late Aug., Sept.	White	"	"	19
<i>Papaver orientale</i> & vars. "Blush Queen," "Silver Queen"	ORIENTAL POPPY & VARS.	Early June to early July	Scarlet, pink, white	2-3½ ft.	"	218, 230, 184
<i>Pentstemon barbatus</i> var. <i>Torreyi</i>	TORREY'S BEARDED PENTSTEMON	Early July to early Aug.	Scarlet	4-5 ft.	"	325
<i>Pentstemon diffusus</i>	DIFFUSE PENTSTEMON	Early June to early July	Purple	1-2 ft.	"	245
<i>Pentstemon lævigatus</i> var. <i>Digitalis</i>	FOXGLOVE BEARD-TONGUE	Early June to mid. July	White	3-4 ft.	"	187
<i>Pentstemon secundiflorus</i>	ONE-SIDED PENTSTEMON	June, July	Lavender	12-18 in.	"	245
<i>Pentstemon spectabilis</i>	SHOWY PENTSTEMON	Early June to mid. July	Blue	2-2½ ft.	"	261
<i>Phlox amoena</i>	HAIRY PHLOX	Late Apr., May	Various	4-6 in.	"	63
<i>Phlox divaricata</i>	WILD SWEET WILLIAM	May	Lilac	10-18 in.	"	136
<i>Phlox paniculata</i> vars.	PERENNIAL PHLOX	July to Oct.	Various	2-3½ ft.	"	370
<i>Phlox subulata</i>	MOSS PINK	Late Apr., May	"	4-6 in.	"	63
<i>Phlox subulata</i> var. "The Bride"	MOSS PINK THE BRIDE	Late Apr., to late May	White	"	"	19
<i>Platycodon grandiflorum</i>	BALLOON FLOWER	Early July to Oct.	Blue	1-3 ft.	<i>Sun or shade</i>	352
<i>Platycodon grandiflorum</i> var. <i>album</i>	WHITE BALLOON FLOWER	June to Oct.	White	"	<i>Sun or half shade</i>	187
<i>Polemonium cæruleum</i>	AMERICAN JACOB'S LADDER	Mid. May to July	Purple	"	<i>Half shade</i>	139

## BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Polemonium humile</i>	DWARF JACOB'S LADDER	June, July	Blue	6 in.	<i>Half shade</i>	261
<i>Primula Japonica</i>	JAPANESE PRIMROSE	Late May to Aug.	Purple	1-2 ft.	"	139
<i>Primula officinalis</i>	ENGLISH COWSLIP	Late Apr. to late May	Yellow	6-12 in.	"	35
<i>Primula Sieboldi</i>	VON SIEBOLD'S PRIMROSE	Late Apr., May	Various	6-12 in.	<i>Sun or half shade</i>	63
<i>Primula Stuartii</i>	STUART'S PRIMROSE	Late May, June	Yellow	9-15 in.	<i>Half shade</i>	105
<i>Rudbeckia laciniata</i> var. <i>flore-pleno</i>	GOLDEN GLOW	Late July to late Sept.	"	2-10 ft.	<i>Sun</i>	309
<i>Rudbeckia subtomentosa</i>	SWEET CONEFLOWER	Mid. Aug. to Oct.	"	3-5 ft.	<i>Sun or shade</i>	391
<i>Rudbeckia triloba</i>	THIN-LEAVED CONEFLOWER	July, Aug.	"	2-5 ft.	"	309
<i>Salvia pratensis</i>	MEADOW SAGE	June, early July	Violet	2-3 ft.	<i>Sun</i>	262
<i>Scabiosa Caucasia</i>	PINCUSHION FLOWER	June, July	Blue	1½-2 ft.	"	262
<i>Scilla Hispanica</i>	SPANISH SQUILL	Late May, June	Various	12-18 in.	"	160
<i>Scilla Hispanica</i> vars. <i>carnea</i> & <i>rosea</i>	FLESH & ROSE COLORED SPANISH SQUILL	"	Pink	"	<i>Sun or shade</i>	126
<i>Scilla hyacinthoides</i> & vars.	HYACINTH SQUILL & VARS.	Aug.	Blue, white, flesh-color	1-1½ ft.	<i>Sun or half shade</i>	414, 383, 402
<i>Scilla Sibirica</i> & var. <i>alba</i>	SIBERIAN SQUILL	Mid. Mar. to early May	Blue, white	2-6 in.	"	7, 4
<i>Sedum spectabile</i>	SHOWY SEDUM	Late Aug. to mid. Sept.	Rose	1½-2 ft.	<i>Sun</i>	402
<i>Silphium laciniatum</i>	COMPASS PLANT	Mid. July to mid. Sept.	Yellow	6 ft.	"	313
<i>Spiræa Aruncus</i>	GOAT'S BEARD	June, early July	White	3-5 ft.	<i>Sun or shade</i>	190
<i>Spiræa astilboides</i>	ASTILBE-LIKE MEADOW SWEET	"	"	2 ft.	<i>Sun or half shade</i>	190
<i>Spiræa palmata</i> & var. <i>elegans</i>	PALMATE-LEAVED MEADOW SWEET & VAR.	Late June, July	Carmine, pink	1-4 ft.	<i>Half shade</i>	233
<i>Statice latifolia</i>	BROAD-LEAVED SEA LAVENDER	Late July to early Sept.	Purple	1½-2 ft.	<i>Sun</i>	344
<i>Statice Limonium</i>	COMMON SEA LAVENDER	July, Aug.	Blue	1½ ft.	"	353
<i>Stokesia cyanea</i>	STOKES' ASTER	Aug. to early Oct.	"	1-1½ ft.	"	414
<i>Trillium grandiflorum</i>	LARGE-FLOWERED WAKEROBIN	May, early June	White	9-12 in. or more	<i>Half shade</i>	94

# BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height.	Situation.	Page.
<i>Tritonia crocosmæflora</i> & vars.	CROCUS-FLOWERED BLAZING STAR	July to Oct.	Scarlet, yellow	2-4 ft.	Sun	326, 314
<i>Tritonia Pottsii</i>	POTTS' BLAZING STAR	"	Orange	2-3 ft.	"	321
<i>Tritonia rosea</i>	REDDISH BLAZING STAR	July, Aug.	Red	1 ft.	"	326
<i>Trollius Asiaticus</i>	ORANGE GLOBE FLOWER	Late Apr. to late May, early Aug. to Oct.	Yellow	1½-2 ft.	Sun or half shade	35
<i>Trollius Europæus</i>	MOUNTAIN GLOBE THISTLE	Early May to early June	"	6-15 in.	Half shade best	109
<i>Tulipa</i> vars.	SINGLE & DOUBLE EARLY BEDDING TULIPS	Late Apr. to late May	Various	10-14 in.	Sun	64
<i>Tulipa</i> vars.	SINGLE & DOUBLE LATE BEDDING TULIPS	Mid. to late May	"	12-18 in.	"	163
<i>Tulipa carinata</i>	KEELED TULIP	May	Scarlet	12-15 in.	Sun	117
<i>Tulipa</i> "Darwin"	DARWIN TULIP	Late May to early June	"	1½-2 ft.	Sun or half shade	163
<i>Tulipa</i> "Duc van Thol"	DUC VAN THOL TULIP	Late Apr., early May	Various	6 in.	Sun or half shade	68
<i>Tulipa Gesneriana</i> & vars.	COMMON GARDEN TULIP & VARS.	Mid. May to early June	Red	6-24 in.	Sun	118, 164
<i>Tulipa Gesneriana</i> var. <i>Dracontia</i>	PARROT OR DRAGON TULIP	Mid. May to June	Various	12-18 in.	Half shade	164
<i>Tulipa Greigi</i>	GREIG'S TULIP	Late Apr. to mid. May	Red	3-8 in.	Sun	39
<i>Tulipa retroflexa</i>	REFLEXED TULIP	Early to late May	Yellow	12-18 in.	"	110
<i>Tulipa vitellina</i>	VITELLINE TULIP	May	"	1-2 ft.	"	110
<i>Verbascum Olympicum</i>	OLYMPIAN MULLEIN	July	"	6-10 ft.	"	314
<i>Veronica Chamædrys</i>	ANGEL'S EYES	Late May, June	Blue	1-1½ ft.	"	154
<i>Veronica gentianoides</i>	GENTIAN-LEAVED SPEEDWELL	Late Apr. to late May	"	½-2 ft.	Sun or half shade	55
<i>Veronica incana</i>	HOARY SPEEDWELL	Mid. June to late July	"	1-2 ft.	Sun	262
<i>Veronica longifolia</i> var. <i>subsessilis</i>	SUBSESSILE LONG-LEAVED SPEEDWELL	Early Aug. to mid. Sept.	Purple	2-3 ft.	"	410
<i>Veronica rupestris</i>	ROCK SPEEDWELL	Mid. May to late June	"	4-5 in.	"	154
<i>Veronica spicata</i>	SPIKE-FLOWERED SPEEDWELL	"	Blue	2-2½ ft.	"	262

## BEST HERBACEOUS PLANTS

Botanical Name.	English Name.	Time of Bloom.	Color.	Height	Situation.	Page.
<i>Veronica spicata</i> var. <i>alba</i>	WHITE SPIKE-FLOWERED SPEEDWELL	Early June, July	White	2-2½ ft.	Sun	193
<i>Veronica Teucrium</i>	HUNGARIAN SPEEDWELL	Late May to early June	Blue	½-1 ft.	"	155
<i>Viola cornuta</i>	HORNED VIOLET	Late Apr. until frost	Violet	5-8 in.	Sun or half shade	48
<i>Viola cornuta</i> var. <i>alba</i>	WHITE HORNED VIOLET	"	White	"	"	23
<i>Viola cornuta</i> var. <i>lutea major</i>	YELLOW HORNED VIOLET	"	Yellow	"	"	35
<i>Viola tricolor</i>	PANSY	Mid. Apr. to mid. Sept.	Various	"	"	68
<i>Yucca Filamentosa</i>	ADAM'S NEEDLE	June, July	White	6 ft.	Sun	194

## A FEW WATER PLANTS OR AQUATICS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellowish green"	STRIPED SWEET FLAG	<i>Acorus gramineus</i> var. <i>variegatus</i>	The chief attraction of this plant is its striking foliage striped with white, in thick grassy clumps. Prop. by division. Japan.	8-12 in. <i>Sun or shade</i>	June, July
"White"	CAPE POND WEED, WATER HAWTHORN	<i>Aponogëton distachyum</i>	Lovely fragrant flowers. Prop. by seed. Thrives in tubs with 2 ft. of water or in pools from 2 to 4 ft. deep. Cape of Good Hope.	<i>Sun or half shade</i>	June to Sept.
"Purple"	WATER SHIELD	<i>Brasenia peltata</i>	Small flowers. Thrives in still water from 2 to 6 ft. deep.	<i>Sun</i>	May to Sept.
"Yellow" 5	DOUBLE MARSH MARIGOLD	<i>Caltha palustris</i> var. <i>flöre-pleno</i> <i>C. p. var. monstrosa-plena</i>	Double form of our native plant. Pretty in ponds and also useful in the bog-garden. Flowers 1½ in. broad. Good for cutting. Hort. The single var. is also desirable. See Plate, page 459.	1-2 ft. <i>Sun or half shade</i>	Apr., May
Various	JAPANESE IRIS	** <i>Iris lævigata</i> <i>I. Kämpferi</i>	One of the most beautiful and effective plants. Forms vigorous clumps. Flowers large and flat, sometimes 10 in. across, ranging in color from white to deep blue and plum color, often mottled or deeply veined. Narrow erect leaves. Beautiful in shallow water or in the bog-garden. Prop. by seed and division. Any good soil. Water during flowering season. For names of some good varieties see page 267. E. Siberia; Japan.	2-3 ft. <i>Sun</i>	June, July
"Yellow" 5 & 2	COMMON OR YELLOW WATER FLAG	<i>Iris</i> <i>Pseudacorus</i>	Forms luxuriant clumps having many stems which bear large, broad-petaled flowers veined with brown. Long stiff gray-green leaves. Beautiful for the margin of water. Prop. by division. Europe.	1½-3 ft. <i>Sun</i>	Late May to late June
"Bright purple" 55 lighter	LARGER BLUE FLAG	<i>Iris versicolor</i>	Native Iris. Flowers marked with white, yellow and purple. Leaves slightly grayish. Good for bogs, ponds, also for dry positions. Prop. by division. Canada; Northern U. S. A.	1-3 ft. <i>Sun or half shade</i>	Late May, June
"Yellow" 4	FRINGED BUCKBEAN	** <i>Limnánthemum nymphoides</i>	Rampant aquatic bearing a profusion of large flowers and mottled leaves. Spreads rapidly and is difficult to get rid of if grown in too much space. Prop. by division or freshly gathered seed sown in mud. Europe; Asia.	2-4 in. <i>Sun</i>	Late May to Aug.



MARSH MARIGOLD. *Caltha palustris*.





# AQUATICS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 2	AMERICAN LOTUS OR NELUMBO, WATER CHINKAPIN	* <i>Nelumbium luteum</i> <i>Nelumbo lutea</i>	Beautiful and striking plant with very large showy blossoms and round bluish green leaves on long stalks. Effective when massed in ponds and slow streams. When transplanting in spring never disturb the plants until young growth is evident. Prop. in spring when growth begins by division or by seed. Rich soil. N. Amer.	2-6 ft. Sun	July, Aug.
"Pink" bet. 22 & 26	INDIAN OR FALSE LOTUS	* <i>Nelumbium speciosum</i> <i>Nelumbo indica</i> , <i>Nelumbo nucifera</i>	Fragrant showy flowers just rising above the grayish brown long-stalked leaves. Plant 4-5 in. in masses in artificial basins or ponds and slow streams. Do not transplant in spring until young growth is evident. Prop. in spring when growth begins by seed or division. Rich soil. Asia; Australia. See Plate, page 460. Var. <i>kermesina</i> , pale pink blossoms. Var. <i>rosea</i> , rose-pink blossoms. Var. <i>rosea plena</i> , double rose var. Hort. All excellent in small numbers for artificial basins and massed in ponds and slow streams.	6-8 ft. Sun	July to early Sept.
"White"	MAGNOLIA LOTUS	* <i>Nelumbium speciosum</i> var. <i>album</i> <i>Nelumbo nucifera</i> var. <i>alba</i>	A good variety of this effective plant. Var. <i>alba striata</i> , flowers striped. Plant groups of 3-4 in artificial basins or mass in ponds and slow streams. Prop. in spring when growth begins by seed or division. Rich soil. Hort.	6-8 ft. Sun	July to early Sept.
"Yellow"	COMMON SPATTER-DOCK, LARGE YELLOW POND LILY	** <i>Nuphar advena</i> <i>Nymphaea advena</i>	Distinguished more for its large erect or floating leaves than for the cup-shaped flowers, occasionally purplish, which have a disagreeable odor. Plant in the margins of slow streams or muddy ponds. Prop. by division. Rich muddy soil. N. Amer.	2-3 in. Sun or half shade	Late May to Sept.
"Yellow"	SMALL YELLOW POND LILY	** <i>Nuphar Kalmianum</i> <i>Nymphaea Kalmiana</i>	Peculiar aquatic with small cup-shaped flowers and many round leaves, some beneath the water, others floating. Excellent near the margins of slow streams or in muddy ponds. Prop. by division. N. Amer.	2-3 in. Sun or half shade	"
"Yellow"	EUROPEAN YELLOW LILY	** <i>Nuphar luteum</i>	Small round slightly fragrant flowers with fleshy petals. Large arrow-shaped leaves floating or erect. Excellent near the margins of slow streams or in muddy ponds. Prop. by division. Europe.	2-3 in. Sun or half shade	"
"White"	WHITE WATER LILY	** <i>Nymphaea alba</i>	One of the hardiest aquatics. Charming cup-shaped flowers which close about four o'clock. Large round floating leaves, sometimes reddish. Excellent in small ponds. Plant in spring or summer beneath about 2 ft. of water, in well-enriched loam. Europe; Asia.	4-8 in. Sun	"

# AQUATICS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	PUREST WHITE WATER OR POND LILY	* <i>Nymphæa alba</i> var. <i>candidissima</i> <i>N. candidissima</i>	Superior to the type, bearing large pure white flowers on very thick stalks. Excellent for small ponds. Plant in spring or summer beneath about 2 ft. of water in well-enriched loam.	2-4 in. <i>Sun</i>	Late May to Sept.
"Red" 26	ANDREW'S WATER OR POND LILY	* <i>Nymphæa Andreana</i>	Dull flowers. Spotted leaves. Good for large artificial basins. Prop. by division. Good rich soil. Hort.	2-3 in. <i>Sun</i>	June to Sept.
"Reddish pink"	ARETHUSA WATER OR POND LILY	* <i>Nymphæa Arethusa</i>	An improvement on <i>N. Laydekeri</i> var. <i>fulgens</i> . Stronger grower and with larger flowers. Good for spacious artificial basins. Plant beneath 2 ft. of water in rich soil.	2-3 in. <i>Sun</i>	"
"Orange" 20 more orange	AURORA WATER OR POND LILY	* <i>Nymphæa Aurora</i>	Yellowish blossoms gradually changing to red. Pretty in ponds. Prop. by division. Good rich soil. Hort.	2-4 in. <i>Sun</i>	"
"Purple carmine"	ELLIS' WATER OR POND LILY	* <i>Nymphæa Ellisiana</i>	Very showy and pleasing. Bright flowers. Prop. by division. Good rich soil. Hort.	2-4 in. <i>Sun</i>	"
"Yellow"	YELLOW WATER LILY	* <i>Nymphæa flava</i>	Resembles <i>N. Mexicana</i> but less vigorous. Large pale flowers open from eleven until four o'clock. Dark floating foliage. Good in small ponds. Protect slightly in winter. Plant in spring or summer beneath 2 or more feet of water in well-enriched loam. S. Eastern U. S. A.	4-5 in. <i>Sun</i>	June. July
"Yellow"	TAWNY WATER OR POND LILY	** <i>Nymphæa fulva</i>	Large floating flowers and spotted leaves. Effective in ponds. Prop. by division. Plant beneath 2 ft. of water in rich soil. Hort.	1-3 in. <i>Sun</i>	June to Sept.
"Brilliant white"	GLADSTONE'S WATER OR POND LILY	* <i>Nymphæa Gladstoniana</i>	Vigorous large flowers and attractive bold foliage. Excellent for spacious ponds. Prop. by division. Plant in spring or summer beneath 2 ft. of water in rich loam. Hort.	2-4 in. <i>Sun</i>	"
Various	LAYDEKER'S WATER OR POND LILY	* <i>Nymphæa Laydekeri</i> vars.	An interesting group. Adapted for cultivation in tubs and fountain basins. Prop. by division. Good rich soil. Var. <i>fulgens</i> ; (color no. near 28), charming brilliant reddish pink flowers. Var. <i>lilicea</i> ; fragrant lilac flowers and spotted leaves. Var. <i>purpurata</i> ; (color no. 33 darker), crimson flowers. Var. <i>rosea</i> ; (color no. 33 lighter), rather small pink flowers.	2-3 in. <i>Sun</i>	"

# AQUATICS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	MARLIAC'S WATER OR POND LILY	* <i>Nymphæa Marliacea</i> var. <i>albida</i>	Vigorous plant, perhaps the best white Water Lily. Flowers large and brilliant, tinted with pink. Good for large artificial basins. Prop. by division. Plant in spring or summer beneath 2 ft. of water in well-enriched soil. Hort.	2-4 in. <i>Sun</i>	June to Sept.
"Pink" white to pale 36	MARLIAC'S FLESH-COLORED WATER OR POND LILY	* <i>Nymphæa Marliacea</i> var. <i>carnea</i>	Vigorous plant. Pale pink flowers with a slight fragrance. Good in large artificial basins. Prop. by division. Plant in spring or summer beneath 2 ft. of water in rich loam. Hort.	2-4 in. <i>Sun</i>	"
"Yellow" 2	CANARY WATER LILY	* <i>Nymphæa Marliacea</i> var. <i>chromatella</i> <i>N. tuberosa</i> var. <i>flavescens</i>	Excellent free-blooming variety. The dark green spotted leaves often rise high above the water. Good for large artificial basins. Prop. by division. Plant in spring or summer beneath 2 ft. of water in well-enriched loam. Hort.	2-4 in. <i>Sun</i>	"
"Reddish purple" white to 36	MARLIAC'S FLAMING WATER OR POND LILY	* <i>Nymphæa Marliacea</i> var. <i>flammea</i>	Effective plant. Striking flowers in abundance. Good for large artificial basins. Prop. by division. Plant beneath 2 ft. of water in rich soil. Hort.	2-4 in. <i>Sun</i>	"
"Reddish purple" 27 light	MARLIAC'S FIERY WATER OR POND LILY	* <i>Nymphæa Marliacea</i> var. <i>igneae</i>	Strong grower. Very similar to var. <i>flammea</i> . Flowers striking. Good in large artificial basins. Plant beneath 2 ft. of water. Prop. by division. Rich soil. Hort.	2-4 in. <i>Sun</i>	"
"Rose" white to 36	MARLIAC'S PINK WATER OR POND LILY	* <i>Nymphæa Marliacea</i> var. <i>rosea</i>	Robust plant. An improved form of <i>N. Marliacea</i> var. <i>carnea</i> . Dark green foliage, reddish when young. Good for large artificial basins. Prop. by division. Rich soil. Hort.	2-4 in. <i>Sun</i>	"
"White"	SWEET-SCENTED WATER OR POND LILY, WATER NYMPH	* <i>Nymphæa odorata</i> <i>Castalia odorata</i>	One of the best Water Lilies. Fragrant flowers, open only in the morning. Round leathery leaves. Effective when single or in isolated groups in large ponds. Prop. by division. Plant in spring or summer in enriched loam beneath 2 or more ft. of water. Eastern U. S. A.	2-4 in. <i>Sun</i>	"
Various	SWEET-SCENTED WATER OR POND LILY	* <i>Nymphæa odorata</i> vars. <i>Castalia odorata</i> vars.	Var. <i>Caroliniana</i> ; large fragrant narrow-petaled blossoms of a delicate pink shade. Hort. Var. <i>exquisita</i> ; large deep rose flowers. Hort. Var. <i>Luciana</i> ; (color no. 26), rose-colored flowers. Hort. Var. <i>sulphurea</i> ; (color no. 2), yellow flowers a few in. above the water, open only in the morning. Small floating leaves. Var. <i>sulphurea grandiflora</i> ; large flowers. All these vars. are effective singly or in isolated groups in large ponds. Plant in spring or summer in enriched loam beneath 2 or more ft. of water. Prop. by division.	2-4 in. <i>Sun</i>	"

# AQUATICS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Pink" 29	CAPE COD WATER OR POND LILY	* <i>Nymphaea odorata</i> var. <i>rosea</i> <i>N. odorata</i> var. <i>rubra</i> , <i>Castalia odorata</i> var. <i>rosea</i>	Rather small flowers which gradually fade to white. Round leaves dark red when small. Effective single or massed in large ponds. Plant in spring or summer in rich loam, beneath 2 or more feet of water. S. Eastern Mass. to N. J.	2-4 in. <i>Sun</i>	June to Sept
"Yellow" 26	ROBINSON'S WATER OR POND LILY	<i>Nymphaea Robinsoni</i> <i>N. Robinsoniana</i>	Large flowers tinted with red which float on the surface of the water. Spotted leaves. Good for large artificial basins. Prop. by division. Good rich soil. Hort.	1-3 in. <i>Sun</i>	"
"Rose & carmine" 24 to 2	SEIGNO- RET'S WATER OR POND LILY	* <i>Nymphaea Seignoretii</i>	Pleasing Water Lily. Delicate flowers tinted with red. Spotted leaves. Pretty in ponds. Prop. by division. Good rich soil. Hort.	2-6 in. <i>Sun</i>	"
"White"	SMALL WHITE WATER LILY	* <i>Nymphaea tetragona</i> <i>N. pygmaea</i> , <i>Castalia tetragona</i>	The smallest Water Lily, with charming flowers about 2 in. across, which open in the afternoon. Dark green horse-shoe-shaped leaves. Pretty in tubs and small basins. Prop. by seed. Asia; N. Amer.	1-2 in. <i>Sun</i>	"
"Yellow" 2	HELVOLA WATER LILY	* <i>Nymphaea tetragona</i> var. <i>Helvola</i>	Flowers, small, produced in great abundance. Leaves small and dark green above. Well adapted to tubs and small fountain basins. Prop. by seed. Plant 2 ft. under water.	1-2 in. <i>Sun</i>	"
"White"	TUBEROUS WHITE WATER LILY	** <i>Nymphaea tuberosa</i> <i>N. reniformis</i> , <i>Castalia tuberosa</i>	Luxuriant in growth. Large flowers about 6 or 9 in. wide, open only in the morning. Large roundish leaves, somewhat veiny. Excellent for large ponds. Prop. by division. Plant in spring or summer in loam under shallow water. U. S. A.	4-6 in. <i>Sun</i>	July, Aug.
"White"	RICHARD- SON'S TUBEROUS WHITE WATER LILY	* <i>Nymphaea tuberosa</i> var. <i>Richardsonii</i>	Especially vigorous plant. Very double flowers rising well above the water. Large clean bright green leaves. Excellent for large ponds. Prop. by division. Very rich soil. Hort.	4-6 in. <i>Sun</i>	"
"Pink" 29	PINK TUBEROUS WATER LILY	** <i>Nymphaea tuberosa</i> var. <i>rosea</i>	Plant of rank growth. Pink flowers, rising above the water. Excellent for large ponds. Prop. by division. Requires rich soil. Hort.	4-6 in. <i>Sun</i>	"
"Yellow"	GOLDEN CLUB	** <i>Orontium aquaticum</i>	Vigorous plant. Tiny flowers in narrow club-like spikes. Dark green oblong leaves on long stalks. Difficult to eradicate when once established. Plant in bogs or in fairly swift streams 1 ft. or more deep. Eastern U. S. A.	1-2 ft. <i>Sun</i>	May

# AQUATICS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Green"	ARROW ARUM	** <i>Peltandra Virginica</i> <i>P. undulata</i>	Sub-aquatic foliage plant. Attractive on account of its thick dark green arrow-shaped leaves. Excellent for bogs and shallow water. N Amer.	2-3 ft. <i>Sun</i>	June
"Purple-blue" 4c	PICKEREL WEED	** <i>Pontederia cordata</i>	Graceful sub-aquatic with tall clumps of dense flower spikes and beautiful arrow-shaped leaves. Wild in shallow water everywhere. Excellent in bogs or in shallow water near the margins of ponds. Prop. by division. N. Amer.	1 1/2-4 ft. <i>Sun.</i>	July. Aug.
"White"	OLD WORLD ARROW-HEAD	** <i>Sagittaria sagittifolia</i> var. <i>flore-pleno</i> <i>Sagittaria Japonica</i>	Delicate double buttercup-like flowers. Large broad arrow-shaped leaves. Excellent in shallow ponds. Prop. by seed, oftener by division. Plant beneath water 1 ft. deep. Hort.	2-3 ft. <i>Sun</i>	"
"Light brown"	GREAT BULRUSH	** <i>Scirpus lacustris</i> var. <i>zebrina</i> <i>S. Tabernaemontana</i> var. <i>zebrina</i>	Sub-aquatic. Peculiar flowers in spikes on large round stalks. Leaves striped with green and white. Good for margin of ponds. Moist soil. Hort.	3-6 ft. <i>Sun</i>	"
"Brown"	BROAD-LEAVED CAT-TAIL, COMMON REED MACE	** <i>Ilypha latifolia</i>	Graceful plant for marshes or shallow water. Peculiar brownish flowers in dense spikes and very narrow ribbon-like leaves, long and glossy. Excellent in bogs and shallow ponds. Amer.; Europe; Asia.	4-8 ft. <i>Sun</i>	June July
"Green white"	INDIAN OR WILD RICE, WATER CATS	* <i>Zizania aquatica</i>	A beautiful kind of reed-like grass. Useful for margins of streams on account of the graceful habit of its leaves. Prop by seed, sown annually N Amer.	7-9 ft. <i>Sun</i>	Aug.

## SOME BOG-GARDEN OR MARSH PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellowish green"	SWEET FLAG	<i>Ácorus</i> <i>Cálamus</i>	Marsh plant. Flowers insignificant. Foliage erect and rush-like. Rootstock odorous and edible. Prop. by division. Europe. Var. <i>variegatus</i> . Foliage striped with green and gold. More frequently cultivated than the type.	2 ft. <i>Sun or shade</i>	June, early July
"Reddish"	GIANT REED	<i>Arúndo</i> <i>Dònax</i>	A plant, decorative because of its striking foliage. Reddish flowers insignificant. Prop. by seed and division. Any soil. S. Europe. Var. <i>variegata</i> , (var. <i>versicolor</i> ). Foliage variegated.	10 ft. <i>Sun</i>	
"Yellow" 5	DOUBLE MARSH MARIGOLD	<i>Cáltha palústris</i> var. <i>flòre-plèno</i> <i>C. p.</i> var. <i>monstròsa-plèna</i>	Double form of our native plant. Flowers $1\frac{1}{2}$ in. broad. Good for cutting. Hort. The single var. is also good. See Plate, page 459.	1 ft. <i>Sun or half shade</i>	Apr., May
	COMMON HORSE-TAIL OR SCOURING RUSH	<i>Equisètum hyemàle</i>	Unique primeval looking plant with slender hollow reed-like stems and no apparent leaves or flowers. Prop. by spores. U. S. A.	1-2 ft. <i>Sun or shade</i>	
"Purple pink" bet. 45 & 25	JOE-PYE OR TRUMPET WEED	<i>Eupatòrium purpùreum</i>	Plant of coarse growth. Flowers in immense flat clusters, 18 in. across. Foliage in whorls. Naturalize on banks of streams or in wet meadows. Prop. by cuttings. Any soil. N. Amer.	5-7 ft. <i>Sun or half shade</i>	Late July to early Sept.
"Lilac" 43 deep	LARGE PURPLE-FRINGED ORCHIS	<i>Habenària fimbriàta</i> <i>H. grandiflòra</i>	An Orchid. Grows in wet meadows. Fragrant flowers prettily fringed, rarely white, rise in spikes above inconspicuous foliage. Bog-garden. Leaf-mold and sand kept moist by mulch of leaves. N. Amer.	1-1½ ft. <i>Half shade</i>	June, July
Various often bet. 39 & 41	SMALLER PURPLE-FRINGED ORCHIS	<i>Habenària psycòdes</i> <i>Órchis psycòdes</i>	Closely related to <i>H. fimbriata</i> , but with smaller blossoms. Very fragrant fringed flowers, rose, lilac or crimson, rarely white, in tall spikes 4-10 in. long. Showy in bog-garden. Leaf-mold and sand kept moist by mulch of leaves. N. Amer.	2-3 ft. <i>Half shade</i>	July, Aug.
Various	JAPANESE IRIS	** <i>Íris lævigàta</i> <i>I. Kämpfers</i>	One of the most beautiful and effective plants. Forms vigorous clumps. Flowers large and flat, sometimes 10 in. across, ranging in color from white to deep blue and	2-3 ft. <i>Sun</i>	June, July



PITCHER PLANT. *Sarracenia purpurea*.





# BOG PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Yellow" 5 & 2	COMMON OR YELLOW WATER FLAG	Iris Pseudácorus	plum color, sometimes mottled or deeply veined. Narrow erect leaves. Beautiful in masses beside water. Prop. by seed and division. Any good soil. Water during flowering season. For names of good vars. see page 267.  Forms luxuriant clumps having many stems which bear large broad-petaled flowers veined with brown. Long stiff gray-green leaves. Beautiful for the margin of water. Prop. by division. Europe.	1 1/2-3 ft. <i>Sun</i>	Late May to late June
"Bright purple" 55 lighter	LARGER BLUE FLAG	Iris versicolor	Native Iris. Flowers marked with white, yellow and purple. Leaves slightly grayish. Good for margin of ponds and also for dry positions. Prop. by division. Canada; Northern U. S. A.	1-3 ft. <i>Sun or half shade</i>	Late May, June
Various 1 spotted brown or 11 shad- ing to 14	CANADA OR WILD YELLOW LILY	Lilium Canadense	Well-known native species found in moist meadows and bogs. Spotted flowers, varying from yellow to red, droop in a circle, surmounting the graceful stems around which the leaves grow in whorls. Easily naturalized. Bulbous. Prop. by offsets or scales. Light well-drained soil. Avoid direct contact with manure. Eastern N. Amer.	1-4 ft. <i>Sun or half shade</i>	June, July
"Reddish orange" bet. 19 & 20	AMERICAN TURK'S CAP LILY	**Lilium superbum	Native in meadows and marshes. Delicate drooping flowers having pointed reflexed petals, spotted within, in a pyramidal panicle of about twenty. Bulbous. Prop. by offsets, scales, or very slowly by seed. Any well-drained soil. Avoid direct contact with manure. Eastern N. Amer.	3-6 ft. <i>Sun or half shade</i>	Early July to early Aug.
"Crim- son" 20	CARDINAL FLOWER, INDIAN PINK	**Lobelia cardinalis	Brilliant flowers in spikes on erect unbranching stems. Leaves narrow mostly on lower part of stalk. Naturalize near water or plant in shaded border. Prop. by seed or division. Rich soil, preferably moist. Wet places, Eastern N. Amer. See Plate, page 468.	2-4 ft. <i>Sun or shade</i>	Mid. July to Sept.
"Blue" 46	GREAT LOBELIA, BLUE CARDINAL FLOWER	**Lobelia syphilitica	Tubular flowers in long leafy spikes on slightly hairy stalks. Foliage large, smooth or hairy. Good in bog-garden or border. Moist soil. Wet places, Eastern U. S. A. See Plate, page 468.	1-3 ft. <i>Sun</i>	Mid. Aug. to late Sept.
"White"	GREAT WHITE LOBELIA	**Lobelia syphilitica var. álba	Handsome variety. Flowers in long spikes. Leaves almost stemless on the flower stalks. Damp grounds or bogs. Prop. by seed or cuttings. Hort.	2-3 ft. <i>Sun</i>	Mid. Aug. to Sept.

# BOG PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Purple" 40	SPIKED OR PURPLE LOOSE-STRIPE	* <i>Lýthrum salicària</i>	Erect bushy plant. Delicate starry flowers with wavy petals in wandlike spikes on long graceful leafy stems. Pretty for water-side. Prop. by division. Any moist soil. Temperate Zone.	2-3 ft. Sun	Late July to late Aug.
"Rose"	PINK SPIKED LOOSE-STRIPE	** <i>Lýthrum salicària</i> var. <i>ròseum</i> <i>supérbum</i> <i>L. ròseum</i> <i>supérbum</i>	Tall spikes of flowers on long graceful stems covered with willowy foliage. Beautiful on banks of streams and ponds. Prop. by division or cuttings. Moist soil preferable. Hort.	4-6 ft. Sun or half shade	"
"Violet" 47	SQUARE-STEMMED MONKEY FLOWER	<i>Mímulus ringens</i>	Snapdragon-like flowers with open throats. Bog-garden or margin of water. Prop. by seed. Any soil, abundantly watered. N. Amer.	1-2 ft. Sun	July, Aug.
"Brownish violet"	EULALIA	<i>Miscánthus Sinénsis</i> <i>Eulàlia Japónica</i>	Striking kind of grass with plume-like spikes of flowers. Prop. by seed and division. Any soil. Japan. Vars. <i>gracillimus</i> , ( <i>Eulalia gracillima unvittata</i> , <i>E. Japonica gracillima</i> ). Leaves narrower. <i>Variegatus</i> , foliage variegated. <i>Zebrinus</i> , leaves with cross bands of gold. Prop. the last two vars. by division.	4-9 ft. Sun	Oct.
"Blue" 57	EVER-FLOWERING FORGET-ME-NOT	** <i>Myosòtis palústris</i> var. <i>sempérflorens</i>	Dwarf plant of spreading habit, called <i>semperflorens</i> from its long season of bloom. Flowers in loose clusters. Good for damp shady spots of rock-garden. Prop. by seed and cuttings. Moist soil. Hort.	8 in. Shade	May to Sept.
"Pale green"	ROYAL OR FLOWERING FERN	* <i>Osmúnda regàlis</i>	Distinctive in appearance. Smooth pale green foliage and conspicuous fruit in flower-like clusters. Thrives in rich moist soil, even with water standing 2 or 3 in. deep. Prop. by spores. Eastern Amer.	2-4 ft. Sun or shade	"
"Purplish blue" 46	PICKEREL WEED	* <i>Pontedèria cordàta</i>	Among the most beautiful of aquatics. Many small flowers in spikes. Glossy heart-shaped leaves. Pretty in bog-garden or best in water 6-12 in. deep. Prop. by division at any time. N. Amer.	1½-4 ft. Sun or half shade	July to Sept.
"Rosy purple"	MEADOW BEAUTY, DEER GRASS	* <i>Rhéxia Virgínica</i>	Numerous showy flowers about 1½ in. wide, several on the stem, conspicuous golden anthers. For bogs or moist spots in wild garden where it will form a bed of bloom. Prop. by seed or division. Peaty soil. Eastern U. S. A.	9-12 in. Sun	July to Oct.
"White"	COMMON ARROW-HEAD	<i>Sagittària latifòlia</i> <i>S. sagittàfòlia</i> var. <i>variàbilis</i> , <i>S. variàbilis</i>	Flowers similar to Buttercups in whorls of 3 around leafless stalks. Arrow-shaped leaves. For bogs, edges of ponds and shallow water. Prop. by seed and division. N. Amer.	4-6 ft. Sun	July to early Sept.

# BOG PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Reddish brown"	GREAT TRUMPET LEAF, PITCHER PLANT OP SIDE-SADDLE FLOWER	<i>Sarracenia Drummóndii</i>	Curious wild bog plant. Odd-shaped unobtrusive flowers. Horn-like leaves 2 ft. long, marked with pale yellow and purple. Bog-garden. Protect in winter. Prop. by division. Moist soil. S. Eastern U. S. A.	2-3 ft. <i>Sun</i>	June
"Deep purple"	PITCHER PLANT, SIDE-SADDLE FLOWER	<i>Sarracenia purpurea</i>	Curious wild bog plant. A solitary flower, sometimes brownish, of unusual shape, less conspicuous than the purple-veined pitcher-like leaves. Bog garden or water-side. Prop. by division. Moist soil. Atlantic States. See Plate, page 467.	8-12 in. <i>Sun</i>	"
"Greenish"	PENNSYLVANIA OR SWAMP SAXIFRAGE	<i>Saxifraga Pennsylvanica</i>	A profusion of flowers in elongated panicles. Large leaves in clumps at the base of the plant. Prop. by division, offshoots and stolons. Good for bogs. Swamps, Eastern U. S. A.	3 ft. <i>Half shade</i>	May, June
"Orange" 6	JAPANESE GROUNDSEL	<i>Senecio Japonicus</i> <i>Erythrochæte palmatifida</i> , <i>Ligularia Japonica</i>	Effective flowers on tall stems, sometimes branching. Leaves very broad, 1 ft. across, deeply lobed. Excellent for foliage effect in border. Prop. by seed, division or cuttings. Moist soil. Japan.	4-5 ft. <i>Sun</i>	Late July to mid. Aug.
"White"	GOAT'S BEARD	<i>Spiræa Aruncus</i> <i>Aruncus sylvestris</i>	Erect branching herb growing wild in rich woods. Abundant flowers in plummy panicles. Handsome compound foliage. Invaluable for rough places and for grouping with foliage plants. Prop. by division. Any soil N. Europe; Asia; N. Amer.	3-5 ft. <i>Sun or shade</i>	June early July
"Carmine" 26 deep	PALMATE-LEAVED MEADOW SWEET	** <i>Spiræa palmata</i> <i>Filipéndula purpurea</i> , <i>Ulmaria purpurea</i>	Vigorous plant. Broad clusters of brilliant flowers borne on erect stems. Tufted root leaves, palmately divided. Prop. by seed and division. A fairly rich moist soil. Japan.	2-4 ft. <i>Half shade</i>	June, July
"Cream white"	POISONOUS ZYGADENUS	<i>Zygadènus venenosus</i>	Slender plant. Small flowers in short racemes on erect stems. Leaves mostly about the root. Bulb poisonous. Plant in wild or bog-garden. Slight winter protection necessary. Prop. by seed, more frequently by offsets. Moist soil preferable. Western U. S. A.	1½-2 ft. <i>Sun</i>	Mid. May to mid. June

# SOME PLANTS CONSPICUOUS FOR THEIR FOLIAGE

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Cream white"	VARIE-GATED GOUTWEED OR ASHWEED	<i>Ægopodium podagraria</i> var. <i>variegatum</i>	A common foliage plant. Spreads quickly by creeping rootstocks, and makes attractive mats of white margined foliage. Hard to get rid of when established. Prop. by division. Europe.	12-15 in. <i>Sun</i>	Late May to late June
"Purple"	VARIE-GATED HAIR GRASS	<i>Aira cærulea</i> var. <i>variegata</i> <i>Molinia cærulea</i> var. <i>variegata</i>	Rather stiff grass plant of ornamental foliage. Flowers in spike-like panicles. Leaves striped green and gold. Excellent for carpeting. Central Europe; Asia.	1-2½ ft. <i>Sun</i>	
"White"	INDIAN WILD SARSAPARILLA	<i>Aràlia cachemirica</i> <i>A. Cashmieriàna</i> , <i>A. macrophylla</i>	A strong-growing plant. Umbels of flowers forming long loose panicles. Small round black or purplish berries. Leaves compound. Good for shady places under trees and for subtropical effects. Prop. by cuttings. Mts. of India.	5-8 ft. <i>Half shade</i>	
"White"	CORDATE WILD SARSAPARILLA	<i>Aràlia cordata</i> <i>A. edulis</i>	Umbels of flowers forming long loose panicles. Small round black or purplish berries. Leaves divided into somewhat heart-shaped leaflets. Good for subtropical effects. Prop. by cuttings. Japan.	4-6 ft. <i>Half shade</i>	
"Greenish white"	SPIKENARD	<i>Aràlia racemosa</i>	Flower umbels in loose panicles. Bears small round black berries. Foliage compound. Good under trees. Prop. by cuttings. Northern U. S. A.	3-4 ft. <i>Sun</i>	Late July to late Aug.
"Green"	VARIE-GATED OAT-GRASS	<i>Arrhenatherum bulbosum</i> var. <i>variegatum</i>	A pretty dwarf tufted grass. Leaves striped green and white. Good for the edge of border. Prop. by division. Ordinary garden soil. Hort.	6-8 in. <i>Sun</i>	
"White"	SOUTHERN WOOD, OLD MAN	<i>Artemisia Abrotanum</i>	A plant of shrubby growth. Drooping flowers on long slender panicles. Grown for its dark green fragrant foliage. Prop. by division or cuttings. Thrives even in poor soil. Europe.	3-5 ft. <i>Sun</i>	
"Whitish"	LEWIS' SOUTHERN WOOD	<i>Artemisia Ludoviciana</i>	Very hoary plant with panicles of small tubular blossoms. Silvery colored foliage is more effective than flowers. Margin of border. Prop. by division. Thrives in poor soil. Plains of Western U. S. A.	2 ft. <i>Sun</i>	

# FOLIAGE PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Whitish yellow"	ROMAN WORM-WOOD	<i>Artemisia Pónica</i>	An effective bushy foliage plant. Panicles of small globe-shaped drooping flowers. Leaves finely divided and whitish beneath. Prop. by division. Thrives in poor soil. Europe.	1 ft. <i>Sun</i>	
"Yellow"	OLD WOMAN	<i>Artemisia Stelleriana</i>	A very hoary shrubby plant. Small globe-shaped flowers in compact racemes. Attractive for its silvery effect. Prop. by division. Thrives in poor soil. Coast of Mass.; Asia.	2 ft. <i>Sun</i>	
"Green"	JAPANESE BAMBOO	<i>Arundinaria Japonica</i> <i>Bambusa Metake</i>	Grass-like plant. Foliage large, dark and glossy, whitish underneath. Grows well in cities. Needs plenty of room, sheltered position and also some winter protection. Prop. preferably by division in spring. Rich loamy soil. Japan.	6-10 ft. <i>Half shade</i>	
"Green"	SIMON'S BAMBOO	<i>Arundinaria Simoni</i> <i>A. Naribira</i> , <i>Bambusa Simoni</i> , <i>B. viridistriata</i>	Imposing plant which takes some years to establish. Leaves 8-12 in. long and very narrow. Needs sheltered position, some winter protection and pruning. Prop. preferably by spring division. Rich loamy soil. India; China.	10-20 ft. <i>Sun</i>	
"Reddish"	GIANT REED	<i>Arundo Donax</i>	Grown for foliage. Erect stalks with plummy racemes of small flowers, and graceful large pointed leaves. Effective in clumps. Prop. by seed and division. Any soil. S. Europe. Var. <i>variegata</i> , ( <i>A. D. var. versicolor</i> ), variegated foliage. Hort.	10 ft. <i>Sun</i>	
"Bronze"	LARGE-LEAVED PLUME POPPY	* <i>Boccònia microcarpa</i>	Plummy clusters of bronze-tinted flowers at the summit of stems clad with large handsome leaves like those of <i>B. cordata</i> . Naturalize on edge of lawns or shrubbery, etc. Prop. by division, generally by suckers. Rich soil is essential. China.	9 ft. <i>Sun</i>	July
"Red" bet. 19 & 20	NIGRICANS CANNA	<i>Cánna nigricans</i>	One of the most desirable of the tall Cannas on account of its foliage, which is very dark. Plant in formal garden or shrubbery border. After frost, dig up the roots and store in dry cellar until spring. Prop. by division of rootstock. Light soil, rich, deep and moist.	4-6 ft. <i>Sun</i>	
"Green"	VARIEGATED ORCHARD GRASS OR COCK'S-FOOT	<i>Dáctylis glomerata</i> var. <i>variegata</i>	Dwarf grass in inconspicuous flower clusters. Foliage marked with silver. Much used for edgings. Prop. by division. Any good soil. Hort.	1½-2 ft. <i>Sun</i>	Aug.

# FOLIAGE PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Green"	SEA LYME GRASS	<i>Élymus arenarius</i>	Vigorous strong-rooting ornamental grass. Flowers valueless. Plant near shrubbery or on sandy banks. Temperate Zone.	2-5 ft. <i>Sun</i>	
"Greenish"	WOOL GRASS, PLUME GRASS, RAVENNA GRASS	<i>Eriáanthus Ravennæ</i> <i>Saccharum Ravénna</i>	Ornamental grass. Very long leaves tinged with violet and with white line down the centre. Handsome in clumps like the Pampas Grass. Prop. by division. Any soil. S. Europe.	4-7 ft. <i>Sun</i>	Aug.
	BLUE FESCUE GRASS	<i>Festûca glauca</i> <i>F. ovina</i> var. <i>glauca</i>	Ornamental grass. Inconspicuous flowers in panicles grown for the dense tufts of very narrow bluish leaves. Used for edgings or for contrast with darker foliage. Prop. by division. Europe.	18-20 in. <i>Sun or half shade</i>	June, July
"White"	GIANT PARSLEY OR GIANT COW PARSNIP	<i>Heracléum villôsum</i> <i>H. giganteum</i>	Large bold plant for subtropical effects. Small flowers in dense clusters 1 ft. or more across. Leaves very large. Easy to naturalize in rough places. Prop. by seed and division. Rich moist loam. Europe.	8-10 ft. <i>Sun</i>	July, early Aug.
"Brownish violet"	EULALIA	<i>Miscánthus Sinénsis</i> <i>Eulalia Japónica</i>	An excellent grass plant with feathery panicles of flowers which have long silky hairs. Good for ornamental beds or in the shrubbery border. Prop. by seed and division. Any soil. Japan. Vars. <i>gracillimus</i> , ( <i>Eulalia gracillima univittata</i> , <i>Eulalia Japonica gracillima</i> ), narrower leaves. <i>Variegatus</i> , variegated foliage. <i>Zebrinus</i> , has cross bands of yellow on the leaves. The last two Japanese vars. are prop. better by division.	4-9 ft. <i>Sun</i>	Oct.
"White"	RIBBON GRASS, GARDEN-ER'S GARTERS	<i>Phálaris arundinácea</i> var. <i>variegata</i> <i>P. arundinácea</i> var. <i>picta</i>	A grass with flowers in spikes. Grown for its ribbon-like foliage, which is striped with white. Good for edging beds. Northern N. Amer.	2-4 ft. <i>Sun</i>	Aug.
"Brownish"	GOLDEN BAMBOO	<i>Phyllóstachys aurea</i> <i>Bambûsa aurea</i>	Graceful grass plant with small light-colored leaves and stems of yellowish green. Effective if planted against setting of dark foliage. Prop. usually by spring division. Rich loamy soil. Slight protection necessary. Japan.	10-15 ft. <i>Half shade</i>	
"Brownish"	BLACK BAMBOO	<i>Phyllóstachys nigra</i> <i>Bambûsa nigra</i>	One of the best-known species. Branches turn black after a year. Delicate, paper-like foliage of medium size. Prop. usually by spring division. Rich loamy soil; sheltered position, slight protection. Orient.	10-20 ft. <i>Half shade</i>	

# FOLIAGE PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Green"	OVAL-LEAVED BAMBOO	<i>Phyllôstachys ruscifolia</i> <i>P. Kumâsaca</i> , <i>Bambusa ruscifolia</i> , <i>B. viminalis</i>	Very angular habit of growth; small dark oval leaves. Prop. usually by spring division. Rich loamy soil; sheltered position; slight winter protection. Japan.	1½-2 ft. Half shade	
"Green"	GLAUCOUS BAMBOO	<i>Phyllôstachys viridiglaucescens</i> <i>Bambusa viridiglaucescens</i>	Graceful and easily cultivated Bamboo, covering large space. Running rootstock. Small yellowish branches, medium sized leaves. Prop. usually by spring division. Rich loamy soil; sheltered position; slight winter protection. China.	10-18 ft. Half shade	
"Greenish white"	MEDICINAL RHUBARB	<i>Rhëum officinale</i>	Effective foliage plant with very large leaves, sometimes 3 ft. broad. Flowers numerous. Plant near shrubberies, etc. Prop. by division. Rich deep soil. Thibet; W. China.	5-6 ft. Sun	
"Greenish white"	PALMATE RHUBARB	<i>Rhëum palmatum</i> <i>R. sanguineum</i>	Foliage plant of tropical effect. Flowers in elongated clusters. Large roundish heart-shaped leaves, deeply lobed. Plant near shrubberies, etc., isolated or in masses. Prop. by seed and division. Deep rich soil. China. Var. <i>Tangbuticum</i> , ( <i>Rheum Tangbuticum</i> ), is more vigorous than the type. It increases rapidly. Leaves longer, and less deeply divided. Hort.	6-8 ft. Sun	
"White"	VARIEGATED JAPANESE ROHDEA	<i>Rôhdea Japonica</i> var. <i>variegata</i>	Foliage plant. Bell-shaped flowers in compact spikes. Beautiful variegated leaves, 10-12 in. long, in upright rosettes, rising above the flowers. Deep rich soil. Japan.	9-12 in. Half shade	June
"Yellow"	LAVENDER COTTON	<i>Santolina chamæcyparissus</i> <i>S. incana</i>	Shrubby downy plant of compact habit with inconspicuous greenish yellow flowers. Valuable for its silvery foliage, evergreen and fragrant. Desirable in groups or in the border. Prop. by cuttings. Slight protection. Europe; Asia.	1½-2 ft. Sun	July, Aug.
"Brown"	VARIEGATED BULRUSH OR SEDGE	<i>Scirpus Holoschænus</i> var. <i>variegatus</i>	Ornamental, rush-like foliage plant. Minute brown flowers in clustered spikes. Leaves striped with yellowish white. Effective in bog-garden or beside water. Prop. by seed, division or suckers. Moist or dry soil. Hort.	1-1½ ft. Sun	June, July
"Green"	FEATHER GRASS	<i>Stipa pennata</i>	Looks like ordinary grass except when in bloom. Feathery plumes of flowers used in 'everlasting' bouquets. Border. Prop. by seed and division. Deep sandy loam. Steppes of Europe and Siberia	20 in Sun	July, Aug.

# FOLIAGE PLANTS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
Various	VARIEGATED COMMON COMFREY	<i>Symphytum officinale</i> var. <i>variegatum</i> <i>S. officinale</i> var. <i>luteo-marginatum</i>	Broad leaves deeply margined with yellow or cream color. When cultivated for ornamental foliage the flower stems should be cut off. Europe.	3-4 ft. <i>Sun or half shade</i>	June, July
"Green"	GAMA OR SESAME GRASS	<i>Tripsacum dactyloides</i> <i>T. Dactylis</i> , <i>T. Violaceum</i>	Ornamental grass of tufted habit. Terminal spikes of flowers. Plant in wild garden or among other ornamental grasses. Prop. by seed, preferably by rootstock cuttings. Moist situation. Southern and Central U. S. A.	4-7 ft. <i>Sun</i>	"
"Purple"	SHRUB-YELLOW ROOT	<i>Xanthorrhiza apiifolia</i> <i>Zanthorrhiza apiifolia</i>	Shrubby yellow stemmed plant. Flowers in slender drooping racemes under the pinnate leaves. Grown for its foliage, which becomes golden yellow in autumn. Prop. by seed and division. Any garden soil, preferably moist. Eastern U. S. A.	1-2 ft. <i>Shade</i>	May, early June





PANICLED CLEMATIS. *Clematis paniculata*.



## A FEW SELECTED VINES AND CLIMBERS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	ASIATIC ACTINIDIA	<i>Actinidea polygama</i>	Strong rapid grower which makes long shoots each season. A deciduous twining shrub with inconspicuous fragrant flowers in clusters. Handsome glossy foliage. Especially good for screens, trellises or arbors. Prop. by cuttings and layers. Rich soil. E. Asia.	20 ft. or more <i>Sun or shade</i>	June
"Purple" 42	AKEBIA	<i>Akebïa quinata</i>	A graceful twining shrub with pretty clusters of small fragrant flowers and charming evergreen foliage. Forms a thick screen. Good for trellises, pergolas, etc. Prop. by seed, root-division, cuttings or layers. Well-drained soil. Japan; China.	12 ft. or more <i>Sun</i>	May, early June
"Greenish"	VIRGINIA CREEPER	<i>Ampelopsis quinquefolia</i> <i>A. bederacea</i> , <i>Vitis quinquefolia</i>	Rapidly climbing shrub of free and luxuriant habit bearing inconspicuous clusters of flowers followed by handsome dark blue berries. Beautiful divided foliage, turning brilliantly in fall. Invaluable for covering walls, dead trees, buildings, etc. Prop. by seed, generally by hardwood cuttings. Any soil. N. Amer.	12-20 ft. <i>Sun or half shade</i>	July
"Greenish"	JAPANESE OR BOSTON IVY	<i>Ampelopsis tricuspidata</i> <i>A. Rôylei</i> , <i>A. Veitchi</i> , <i>Vitis incônstans</i>	One of the best wall creepers, resisting dust, etc. Climbing shrub clinging closely and having dense growth of glossy foliage which turns bronze or scarlet in fall, and bunches of berries. Much used in cities. It will grow well in a northern exposure. Prop. by seed, greenwood cuttings and layers. Any soil. China; Japan.	30-40 ft. <i>Sun or shade</i>	Late June, early July
"Purple brown" 21	DUTCH-MAN'S PIPE	<i>Aristolôchia macrophylla</i> <i>A. Sipho</i>	Striking climbing shrub with odd inconspicuous flowers and large round dark leaves, 10 in. across. Useful for screens, porches, etc. Prop. by cuttings. Any good loamy soil. U. S. A.	12-20 ft. <i>Sun or half shade</i>	Late May, early June
"Greenish white"	ORIENTAL BITTER SWEET	<i>Celâstrus orbiculatus</i> <i>C. articulatus</i>	Shrubby climber with clusters of small flowers, succeeded by clusters of bright orange-yellow berries with conspicuous crimson seeds which are hidden until the leaves fall. Prop. by fall-sown seed, cuttings of the root or layers. Any soil. China; Japan.	12-15 ft. <i>Sun or shade</i>	June

# VINES AND CLIMBERS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Greenish white"	FALSE BITTER SWEET	<i>Celastrus scandens</i>	Shrubby climber with terminal clusters of small flowers, followed by bright yellow berries with conspicuous crimson seeds which last all winter. Prop. by fall-sown seed, cuttings of the root or layers. Any soil. N. Amer.	20 ft. <i>Sun or shade</i>	June
"Lilac"	BLUISH CLEMATIS	<i>Clématis cœrûlea</i> <i>C. azûrea</i> , <i>C. patens</i>	Large spreading blossoms of a beautiful shade when grown in a northern exposure. Rather slow-growing. Requires rich deep soil and plenty of rotten manure. Needs plenty of water during dry weather. Prop by cuttings or graftings. Rich loamy soil, well-drained and enriched. Japan.	8-10 ft. <i>Half shade</i>	June, July
"Purple" 48 intense	JACKMAN'S CLEMATIS	<i>Clématis Jäckmani</i>	A beautiful species bearing a profusion of large, spreading, deep purple flowers. Support is necessary and winter mulching advisable. Prop. by cuttings or graftings. Rich loamy soil, well-drained and enriched. Needs plenty of water. Hort. Var. <i>Gypsy Queen</i> has deep violet flowers. Var. <i>Star of India</i> has purple flowers striped with red. Var. <i>magnifica</i> , ( <i>Clematis magnifica</i> ), has purple flowers crimson tinted and striped with red. Hort.	5-6 ft. <i>Half shade</i>	Late June to early Sept.
"White"	WHITE JACKMAN'S CLEMATIS	<i>Clématis Jäckmani</i> var. <i>alba</i>	This variety is similar to the type, differing only in having white blossoms. Support is necessary and winter mulching advisable. Prop. by cuttings or graftings. Rich loamy soil, well-drained and enriched. Needs plenty of water in summer. Hort.	5-6 ft. <i>Half shade</i>	"
"Lavender"	GREAT-FLOWERED VIRGIN'S BOWER	<i>Clématis lanuginôsa</i>	This species is remarkable for the size of its blossoms, which are borne in succession throughout the summer. Support is necessary and winter mulching advisable. Prop. by cuttings or grafts. Rich loamy soil, well-drained and enriched. There are many vars. China. Var. <i>candida</i> , ( <i>C. candida</i> ), differs from the type, having larger flowers and larger leaves. Var. <i>excelsior</i> , ( <i>C. excelsior</i> ), has double pale purple flowers with red stripes. Hort.	5-6 ft. <i>Half shade</i>	June to Sept.
"Grayish white"	GREAT-FLOWERED VIRGIN'S BOWER OTTO FROEBEL	<i>Clématis lanuginôsa</i> var. "Otto Froebel"	This variety is similar in habit to the type. The flowers are large and bluish tinted. Support is necessary and winter mulching advisable. Prop. by cuttings or grafts. Rich loamy soil, well-drained and enriched. Hort.	5-6 ft. <i>Half shade</i>	"

# VINES AND CLIMBERS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	MOUNTAIN CLEMATIS	<i>Clématis montana</i>	A beautiful species. Strong-growing climber with large showy flowers. Requires protection in winter. Prop. by cuttings or graftings. Rich soil. Mediterranean Region.	15-20 ft Sun	June
"White"	PANICLED CLEMATIS	<i>Clématis paniculata</i>	A vigorous climber which covers a large space the first season. Remarkably plentiful in blossoms, and delightfully fragrant. Small starry flowers. Invaluable for covering porches, arbors, etc. Prop. by seed, cuttings or graftings. Rich light loamy soil. Japan. • See Plate, page 477.	20-25 ft. Sun	Sept
"Bluish purple"	PURPLE VIRGIN'S BOWER	<i>Clématis verticillaris</i> <i>Atrágene Americana</i>	A species with drooping flowers 2-3 in. across. Prop. by seed, cuttings or grafts. Rich loamy soil, well-drained and enriched Eastern N. Amer.	8-10 ft Sun	May. June
"Red"	RED LEATHER FLOWER	<i>Clématis Viórna</i> var. <i>coccínea</i> <i>C. coccínea</i>	More desirable than the type. Scarlet or rosy red pitcher-shaped flowers. Grayish foliage. Winter mulching desirable. Prop. by seed and cuttings. Rich soil, light and loamy. Texas.	8-10 ft. Sun	Early June. July late Sept
"White"	TRAVELER'S JOY	<i>Clématis Vitalba</i>	One of the most vigorous species of Clematis. A profusion of small fragrant flowers in panicles. Grows quickly and covers arbors rapidly. Support is necessary. Prop. by cuttings or graftings. Rich loamy soil with good drainage. Europe; Africa	20-30 ft. Sun	July to Sept.
"White"	JAPANESE SPINDLE TREE	<i>Euónymus radicans</i> <i>E. Japónicus</i> var. <i>radicans</i>	A bushy climbing evergreen much valued for its dark glossy foliage. Forms a dense covering over walls, rocks, fences, etc. Prop. by cuttings of half-ripe wood. A warm exposure and ordinary soil. There are vars. with variegated foliage. Japan. •	10-12 ft Sun or shade	
"Greenish"	ENGLISH IVY	<i>Hédéra Hélix</i>	Climbing or trailing evergreen subshrub with inconspicuous flowers and beautiful large dark green leaves. There are many vars., all of which do especially well on the north side of buildings. Protect in winter. Prop. by half-ripe cuttings. Preferably rich damp soil. Europe; Africa; Asia	30-40 ft. Shade	June, July
"Greenish yellow"	COMMON HOP	<i>Húmulus Lupulus</i>	Vigorous free-growing twining perennial which bears greenish yellow catkins. Leaves rough and hairy. Useful for its rapid growth in covering trellises, old fences, etc. Prop. by seed or division in spring. Any soil, preferably rich loam. Europe; N Amer.; Asia.	25-30 ft. Sun	Min July to early Aug

# VINES AND CLIMBERS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	MAN-OF-THE-EARTH, WILD POTATO VINE, PERENNIAL MOON-FLOWER	<i>Ipomœa pandurata</i>	Hardy perennial vine. Funnel-shaped purple-throated flowers in clusters. Dense foliage. Good for covering fences or stumps in wild garden, etc. Prop. by seed, division or cuttings. Any soil. Canada; Eastern U. S. A.	2-12 ft. <i>Sun</i>	July, Aug.
"Purple rose" 31 darker	TWO-FLOWERED EVER-LASTING PEA	<i>Lathyrus grandiflorus</i>	Perennial climber of the Pea order, not so vigorous as <i>L. latifolius</i> . Flowers, size of Sweet Pea and largest of species, grow in pairs. Habit free and neat. Good covering for rocks, banks, stumps, etc. Prop. by seed and division. Any garden soil. S. Europe.	4-6 ft. <i>Sun or shade</i>	June, July
"Rose" 40 lighter & 37	EVER-LASTING OR PERENNIAL PEA	<i>Lathyrus latifolius</i>	Vigorous perennial climber. Numerous large loose clusters of pea-shaped flowers continuous in bloom even after a frost. Grayish foliage. Excellent for covering rocks, stumps, banks, etc. Good for cutting. Very easily cultivated. Prop. by seed, division or cuttings. Any soil. Europe. Var. <i>splendens</i> ; (color no. 31 or 40) is the best form of <i>L. latifolius</i> . Very showy and free-growing. Brilliant purplish pinkish flowers, occasionally red. The luxuriant foliage makes a good background.	4-8 ft. <i>Sun or shade</i>	Mid. July to early Sept.
"White"	WHITE EVER-LASTING OR PERENNIAL PEA	<i>Lathyrus latifolius</i> var. <i>albus</i>	Vigorous perennial climber. Numerous large pea-shaped flowers in loose clusters. Gray-green compound foliage. Excellent for covering stumps, banks, etc. Prop. by seed and division. Any soil. Hort.	4-8 ft. <i>Sun or shade</i>	Mid. July to Sept.
"Old rose" 25	SHOWY WILD PEA	<i>Lathyrus venosus</i>	Wild on shady banks. Strong-stemmed perennial vine. Blossoms in many-flowered clusters. Good for cutting. Useful in covering rough places. Prop. by seed and division. Any good garden soil. N. Amer.	2-3 ft. <i>Sun or shade</i>	Mid. June to July
"Yellowish white"	ITALIAN HONEY-SUCKLE, FRAGRANT WOODBINE	<i>Lonicera Caprifolium</i> <i>C. hortense</i> , <i>C. perfoliatum</i>	Climbing plant with fragrant purplish tinted flowers. Useful for trellises and walls. Prop. by fall-sown seed or ripe wood cuttings. Any good soil. Europe; Asia; naturalized in N. Amer.	12-15 ft. <i>Sun</i>	May, June
"White"	JAPANESE OR CHINESE HONEY-SUCKLE	<i>Lonicera Japonica</i>	Climbing vine with dainty fragrant flowers and semi-evergreen leaves. Charming when grown over walls or shrubs. Prop. by fall-sown seed or ripe wood cuttings. Any good soil. China; Japan; naturalized in N. Amer. Var. <i>aureo-reticulata</i> , ( <i>L. reticulata aurea</i> <i>L. brachypoda reticulata</i> ), has smaller yellow-veined leaves. Hort.	15 ft. <i>Sun</i>	June, July

# VINES AND CLIMBERS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"White"	HALL'S JAPANESE HONEY-SUCKLE	<i>Lonícera Japonica</i> var. <i>Halliana</i> <i>L. flexuosa</i> <i>Halliana</i> , <i>Caprifolium Hallianum</i>	Climbing vine differing from the type mainly in its time of bloom. Semi-evergreen foliage. Prop. by fall-sown seed or ripe wood cuttings. Any good soil. China; Japan.	15 ft. <i>Sun</i>	Sept.
"Scarlet" 18	TRUMPET HONEY-SUCKLE	<i>Lonícera sempervirens</i> <i>Caprifolium sempervirens</i>	Beautiful native climber with terminal clusters of lovely bright flowers, sometimes yellow. Handsome foliage, evergreen in the Southern States. Prop. by fall-sown seed or ripe wood cuttings. Any good soil. U. S. A.	8-10 ft. <i>Sun</i>	May to Sept.
"Yellow"	SULLIVANT'S HONEY-SUCKLE	<i>Lonícera Sullivantii</i> <i>L. flava</i>	Climbing plant with close spikes of purplish tinted flowers. Thick grayish leaves. Attractive in the fall on account of its bright red berries. Prop. by fall-sown seed or ripe wood cuttings. Any good soil. N. Amer.	4-5 ft. <i>Sun</i>	May, June
"Purple"	CHINESE BOX THORN	<i>Lýcium Chinense</i>	Branching shrub which if trained to a support will grow 15 ft. high, the long slender branches being laden with ornamental scarlet fruit. Good rich soil. China.	12-15 ft. <i>Sun</i>	June to Sept.
"White"	MATRIMONY VINE, BOX THORN	<i>Lýcium vulgare</i> <i>L. flaccidum</i> , <i>L. balimifolium</i>	Branching shrub with a profusion of bright red berries following funnel-like flowers which vary to purple. Grayish foliage. Useful for covering walls, etc. Prop. by seed, cuttings of hard wood, layers or suckers. Plant in any position not too damp. Europe.	12-15 ft. <i>Sun</i>	Late May to late Sept.
"White"	BALTIMORE BELLE ROSE	<i>Ròsa</i> "Baltimore Belle"	A variety of the Prairie Rose. It has clusters of rather small double flowers and is not so hardy as the type. A useful climber for trellis or porch. Prop. generally by cuttings. Any rich soil. Hort.	6 ft. <i>Sun</i>	June, July
"Rosy carmine" bet. 27 & 34	CARMINE PILLAR ROSE	<i>Ròsa</i> "Carmine Pillar"	A lovely climbing Rose having delicate single flowers of a peculiarly fine color. Foliage good. An excellent pillar rose and good for walls, arbors, etc. It is best to cover in winter. Prop. by cuttings or graftings. Rich soil. Hort.	10-12 ft. <i>Sun</i>	June
"Crimson"	CRIMSON RAMBLER ROSE	<i>Ròsa</i> "Crimson Rambler"	A climber bearing a profusion of rather small dazzling double flowers. A vigorous plant which is a great favorite and makes quick growth, covering a large space in the first season. Prop. generally by cuttings. Any good soil. Hort.	15-20 ft. <i>Sun</i>	June, July

# VINES AND CLIMBERS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Crimson"	THE DAWSON ROSE	Ròsa "Dawson"	A cross between <i>Rosa multiflora</i> and General Jacqueminot. A rampant grower, covered with a myriad of small single roses in clusters. Pretty clean foliage. Very attractive for arbors, trellises, etc. Prop. by cuttings and graftings. Good rich soil. Hort.	10-15 ft. Sun	June
"Pink" 30	DÉBUTANTE ROSE	Ròsa "Débutante"	A "perpetual flowering" climbing Rose bearing a profusion of flowers in clusters. Excellent for pillars. Prop. generally by cuttings. Rich heavy soil, either loamy or clayey.	10-15 ft. Sun	June
"White"	BRAMBLE ROSE	Ròsa multiflora <i>R. intermedia</i> , <i>R. polyantha</i> , <i>R. Wichura</i>	A rampant grower covered with clusters of small single fragrant flowers. Free vigorous habit. Useful for pillar work and pretty in the shrubbery, where it forms a large bush. Prop. generally by cuttings. Requires good rich soil. China; Japan.	6-10 ft. Sun	"
"Deep rose" 30	PRAIRIE ROSE	Ròsa setigera	Climber with clusters of flowers 2 in. across, which gradually fade to white. Very effective, the flowers being exceptionally showy. Prop. generally by cuttings. Any rich soil. Eastern N. Amer.	6 ft. Sun	June, July
"Bright pink" near 30	SWEET-HEART ROSE	Ròsa "Sweetheart"	A perpetual flowering climbing Rose, bearing a profusion of double flowers in clusters. Good for covering pillars and porches. Very effective and pleasing. Prop. generally by cuttings. Heavy soil, either loamy or clayey. Hort.	10-12 ft. Sun	"
"Pink" 20 to 30 & darker	THE FARQUHAR ROSE	Ròsa "The Farquhar"	One of the most rapid growers. Flowers in large clusters. The splendid shiny foliage lasts in good condition throughout the season. Prop. by cuttings. Hort.	15-20 ft. Sun	"
"White"	WICHURIANA ROSE	Ròsa Wichuriàna	A strong-growing Rose of prostrate habit with single flowers 1½-2 in. across and brilliantly glossy leaves. Forms long shoots in a season and is pretty on rocks or sunny banks, etc. Prop. by division and cuttings. Any ordinary soil. There are many pretty vars. in different colors. Japan.	12-20 ft. Sun	July, Aug.
"White"	CLIMBING HYDRANGEA	Schizophragma hydrangeoides	A very effective climbing shrub which resembles the Hydrangea. Small flowers in large clusters and pretty bright green deciduous foliage which forms a pleasing contrast to the young red shoots. Useful for covering walls, etc. Prop. by seed, cuttings of green wood or layers. Rich soil fairly moist. Japan.	30 ft. Sun or half shade	July



# VINES AND CLIMBERS

Color	English Name	Botanical Name and Synonyms	Description	Height and Situation	Time of Bloom
"Scarlet" bet. 16 & 17	CHINESE TRUMPET CREEPER	<i>Técoma grandiflora</i> <i>T. Chinensis</i> , <i>Bignonia Chinensis</i> , <i>Cámpsia adrepens</i>	Shrubby climber, not as high growing as <i>T. radicans</i> but with larger flowers. Terminal clusters of gorgeous blossoms about 2 in. broad. Prop. by seed, cuttings or layers. Rich and moist soil is best. China; Japan.	4-6 ft. <i>Sun</i>	Late July, Aug.
"Scarlet orange" 19 shading to 10	TRUMPET VINE, CREEPER OR HONEY-SUCKLE	<i>Técoma radicans</i> <i>Bignonia radicans</i> , <i>Cámpsia radicans</i>	Shrubby climber with terminal clusters of showy tubular flowers, yellow inside, and handsome dark green compound leaves. Very effective when in flower. Good for covering walls, fences, old trees, etc. Prop. by seed, cuttings or layers. Rich moist soil is best. Eastern U. S. A.	8-12 ft. <i>Sun</i>	July, Aug.
"Purple" 44	CHINESE WISTARIA	<i>Wistaria Chinensis</i> <i>W. consequana</i> , <i>W. polystachya</i> , <i>W. Sinensis</i>	A deservedly favorite climber with large dense pendent clusters of pea-shaped flowers and beautiful light green foliage. This wonderful vine is of a sturdy growth and very floresent. It needs support. Prop. most easily by layers. Rich soil is preferable. China. See Plate, page 478.	20-30 ft. <i>Sun</i>	May
"White"	"HITE CHINESE WISTARIA	<i>Wistaria Chinensis</i> var. <i>albiflora</i>	A lovely variety though not so hardy as the type. The clusters are longer and more graceful. Plant in a warm sheltered spot. Prop. by layers. Rich soil.	20-30 ft. <i>Sun</i>	"
"Purple" 44	LOOSE-CLUSTERED WISTARIA	<i>Wistaria multijuga</i> <i>W. Chinensis</i> var. <i>multijuga</i> , <i>W. grandiflora</i>	The drooping clusters of this species are much larger and looser than those of the Chinese <i>Wistaria</i> . Pale green foliage. Prop. most easily by layers. Rich soil is preferable. Japan.	20-30 ft. <i>Sun</i>	"

## A FEW OF THE BEST FERNS

English Name	Botanical Name and Synonyms	Description	Height and Situation
<b>MAIDENHAIR FERN</b>	<i>*Adiantum pedatum</i>	Graceful clusters of delicate fronds on dark wiry stems. Excellent for cutting. Set plants a foot apart in masses. Easily cultivated in rich soil with plenty of water and good drainage. Prop. by spores. U. S. A.	8-14 in. <i>Shade</i>
<b>CHRISTMAS OR SHIELD FERN</b>	<i>*Aspidium acrostichoides</i> <i>Dryopteris acrostichoides</i>	A tough evergreen with deep green polished fronds, coarsely divided. Excellent for cutting. Plant several 1 ft. apart in good well-drained garden soil. Easily transplanted. Prop. by spores. Eastern Amer.	1 ft. <i>Shade</i>
<b>MALE SHIELD FERN</b>	<i>*Aspidium Filix-mas</i> <i>Dryopteris Filix-mas</i>	Beautiful and uncommon evergreen. Thrives under trees. Plant in masses a foot apart. Rich soil mixed with sand and leaf-mold. Prop. by spores. N. Europe; Canada; Col.	1-1½ ft. <i>Shade</i>
<b>GOLDIE'S WOOD FERN</b>	<i>Aspidium Goldianum</i> <i>Dryopteris Goldiana</i>	Our tallest wood fern with deep green fronds occasionally more than a foot wide. Plant these ferns at intervals of 18 in. in moist soil. Prop. by spores. Eastern Amer.	2-4 ft. <i>Shade</i>
<b>MARGINAL SHIELD OR EVERGREEN WOOD FERN</b>	<i>*Aspidium marginale</i> <i>Dryopteris marginalis</i>	Thick fronds, 3-5 in. wide, remain deep green all the year round. Thrives anywhere but prefers rich soil. Plant at intervals of 1 foot. Prop. by spores. N. Amer.	1-2 ft. <i>Shade</i>
<b>SPINULOSE WOOD FERN</b>	<i>*Aspidium spinulosum</i> <i>Dryopteris spinulosa</i>	An evergreen with minutely divided fronds about 4 in. wide. These ferns thrive when planted 18 in. apart in rich soil with plenty of muck or leaf-mold. Prop. by spores. Northern N. Amer.; Europe.	15 in. <i>Shade</i>
<b>NARROW-LEAVED SPLEENWORT</b>	<i>Asplenium angustifolium</i>	Pale delicate foliage easily beaten down by wind or rain. Plant in background about 18 in. apart. Rich moist soil preferable. Prop. by spores. N. Amer.	1-4 ft. <i>Shade</i>
<b>EBONY SPLEENWORT</b>	<i>*Asplenium ebeneum</i> <i>A. platyneuron</i>	An evergreen species with delicate leaves, 1 to 2 in. wide on dark erect stems. Good for rock-garden. Plant 18 in. apart in dry soil mixed with some leaf-mold and a little lime. Prop. by spores. N. Amer.	6-15 in. <i>Sun or half shade</i>
<b>LADY FERN</b>	<i>*Asplenium Filix-femina</i>	A striking species with finely toothed fronds. Set out plants in rich moist soil nearly 2 ft. apart. Prop. by spores. Europe; N. Amer.	2-3 ft. <i>Sun or shade</i>
<b>MAIDENHAIR OR DWARF SPLEENWORT</b>	<i>*Asplenium Trichomanes</i>	Dainty evergreen with delicate fronds about 1½ in. wide. Excellent for rock-garden. Thrives in any cleft of rock, if given a bare foot-hold. Plant 8 in. apart. Leaf-mold beneficial. Prop. by spores. Northern Hemisphere.	2-6 in. <i>Shade</i>

# FERNS

English Name	Botanical Name and <i>Synonyms</i>	Description	Height and Situation
<b>WALKING LEAF OR FERN</b>	<i>*Camptosorus rhizophyllus</i>	Excellent for carpeting the rock-garden. Small prostrate fern with tapering evergreen leaves. The fronds root at their tips, if they touch the ground, thus forming by "steps" new plants. Set out plants 6 in. apart in dry soil with a sprinkling of leaf-mold. Prop. by rooting of leaves and spores. Eastern N. Amer.	4-12 in. <i>Half shade</i>
<b>BULBLET BLADDER FERN</b>	<i>Cystopteris bulbifera</i>	Thrives on lime-stone cliffs near falling water. Slender tapering foliage, pale in color. Set out plants 8-12 in. apart, in moist soil, in front of stronger ferns. Prop. by spores. Eastern N. Amer.	1-2 ft. <i>Shade</i>
<b>HAY-SCENTED OR GOSSAMER FERN, HAIRY DICKSONIA</b>	<i>*Dicksonia punctiloba</i> , <i>D. pilosiuscula</i> , <i>Dennstaedtia punctilobula</i>	Excellent for massing in open ground. Finely cut foliage fragrant when dry or crushed. Plant at intervals of 8 in. in dry or moist soil, well drained. Prop. by spores. Eastern N. Amer.	2-3 ft. <i>Sun or half shade</i>
<b>CLIMBING, CREEPING OR HARTFORD FERN</b>	<i>*Lygodium palmatum</i>	The only climbing fern in America. Delicate heart-shaped fronds of a pale green on slender trailing stems. Needs some support. Plant in moist soil with leaf-mold and a mulch of leaves for a few years. Prop. by spores. Florida; Tenn.	1-3 ft. <i>Shade</i>
<b>SENSITIVE FERN</b>	<i>Onoclea sensibilis</i>	Thrives anywhere. Withers rapidly after being picked. Coarse foliage peculiar in shape and delicate in color. Set out plants a foot apart. Prop. by spores. Eastern N. Amer.	1-2 ft. <i>Sun or shade</i>
<b>OSTRICH FERN</b>	<i>*Onoclea Struthiopteris</i> <i>Struthiopteris Germanica</i>	One of the tallest and most stately ferns. Graceful feathery foliage, dark green and usually erect. Effective as background for smaller ferns, as its growth is of tropical luxuriance. A gross feeder, requiring much manure. Prop. by spores. Northeastern N. Amer.	2-5 ft. <i>Sun or shade</i>
<b>CINNAMON FERN</b>	<i>*Osmunda cinnamomea</i>	A striking plant. Fronds 8 in. wide turn to cinnamon-brown. Thrives in rich moist soil with plenty of leaf-mold. Prop. by spores. Eastern Amer.	2-5 ft. <i>Sun or shade</i>
<b>CLAYTON'S OR INTERRUPTED FERN</b>	<i>Osmunda Claytoniana</i>	Easily cultivated. Resembles the Cinnamon Fern with graceful foliage curving outward like a feather duster. Plant at intervals of about 2 ft. in dry stony soil. Prop. by spores. Eastern Amer.	2-4 ft. <i>Shade</i>
<b>ROYAL OR FLOWERING FERN</b>	<i>*Osmunda regalis</i>	Distinctive in appearance. Smooth pale green foliage and conspicuous fruit in flower-like clusters. Thrives in rich moist soil, even with water standing 2 or 3 in. deep. Prop. by spores. Eastern Amer.	2-4 ft. <i>Sun or shade</i>
<b>BROAD OR HEXAGON BEECH FERN</b>	<i>*Phegopteris hexagonoptera</i>	Triangular leaves broader than their length, and much divided. Establish plants about 8 in. apart in any garden soil, preferably rather dry. Prop. by spores. Eastern N. Amer.	7-12 in. <i>Shade</i>

# FERNS

English Name	Botanical Name and <i>Synonyms</i>	Description	Height and <i>Situation</i>
COMMON BRAKE OR EAGLE FERN	* <i>Pteris aquilina</i>	Strikingly tall and vigorous plant. Leathery foliage, dull green in a sunny exposure, but a fresh color when growing in the shade. Any soil. Prop. by spores. N Amer.	1-5 ft. <i>Sun or shade</i>
COMMON POLYPODY, ROCK OR SNAKE FERN	* <i>Polypodium vulgare</i>	Evergreen. One of the best for the rock-garden, and useful for cutting. Finely cut fronds. Grows on decayed tree-trunks and on flat shelves in rocky ledges. Plant at intervals of 4-6 in. in any soil, not very moist. Prop. by spores. Europe; U. S. A.	4-12 in. <i>Half shade</i>
RUSTY WOODSIA	<i>Woodsia ilvensis</i>	Suitable for rock-garden. Grows in compact tufts on exposed rocky ledges. Plant at intervals of about 8 in. in moist well-drained soil Prop. by spores. Amer.	2-6 in. <i>Sun or half shade</i>
NARROW- LEAVED OR NET-VEINED CHAIN FERN	<i>Woodwardia angustifolia</i>	Minutely toothed fronds 3-4 in. wide grown in compact tufts The plant thrives in wet bogs, in moist or dry garden soil, well-drained. Prop. by spores. Eastern U. S. A.	1 ft. <i>Shade</i>

# SUPPLEMENTARY LISTS

## SOME PLANTS WHICH WILL BLOOM IN SHADE

Ajuga alpina	Funkia subcordata
Ajuga reptans	Funkia subcordata var. grandiflora
Asarum Europæum	Funkia Sieboldiana
Convallaria majalis	Hepatica acutiloba
Epimedium alpinum	Hepatica triloba
Funkia Fortunei	Orobus vernus
Funkia lancifolia	Pachysandra terminalis
Funkia lancifolia var. alba marginata	Pachysandra terminalis var. variegata
Funkia lancifolia var. undulata	Vancouveria hexandra
Funkia ovata	Vinca minor

## SOME PLANTS WHICH WILL GROW IN POOR SOIL

Achillea serrata	Lamium album
Ajuga alpina	Linaria vulgaris
Alyssum saxatile	Opuntia Missouriensis, and Rafinesquii
Aquilegia Canadensis	Orobus lathroides
Arabis albida	Phlox subulata
Cerastium tomentosum	Potentilla tridentata
Dianthus deltoides, plumarius, and many others	Saxifraga Pennsylvanica
Eryngium campestre	Sedum acre and stoloniferum
Euphorbia Myrsinites	Sempervivum tectorum, and arvernense
Geranium sanguineum, and maculatum	Verbascum Thapsus
Helianthemum vulgare	Veronica rupestris
Iberis sempervivens	Viola cucullata

## A FEW PLANTS HAVING ESPECIALLY LONG BLOOMING SEASONS

Campanula Carpatica	Scabiosa graminifolia
Delphiniums, if cut back	Scabiosa sylvatica
Heuchera sanguinea	Verbascums, if cut back
Lathyrus latifolius	Viola cornuta
Lychnis coronaria	Viola tricolor

## SOME PERENNIALS FLOWERING THE FIRST SEASON FROM SEED SOWN IN SPRING

Bupthalmum salicifolium	Dianthus plumarius, and many other species
Campanula Carpatica	Erigeron Coulteri
Campanula Carpatica var. alba	Erigeron glabellus
Campanula Carpatica var. rotundifolia	Gaillardia aristata var. grandiflora
Centaurea montana	Geum atosanguineum
Chrysanthemum maximum	Inula ensifolia
Delphinium exaltatum	Linaria Dalmatica
Delphinium formosum	Papaver nudicaule
Delphinium grandiflorum	Pentstemon campanulatus

## SUPPLEMENTARY LISTS

### FIFTY OF THE BEST ANNUAL PLANTS

- |  |  |
|--|--|
| 1 <i>Ageratum Mexicanum</i>                        | 26 <i>Gilia tricolor</i>                                   |
| 2 <i>Alonsoa incisifolia</i>                       | 27 <i>Helianthus cucumerifolius</i> var. <i>Stella</i>     |
| 3 <i>Amarantus cordatus</i>                        | 28 <i>Helipterum roseum</i>                                |
| 4 <i>Antirrhinum majus</i> , many varieties        | 29 <i>Helichrysum bracteatum</i> , and varieties           |
| 5 <i>Arctotis grandis</i>                          | 30 <i>Iberis umbellata</i> , and varieties                 |
| 6 <i>Bartonia aurea</i>                            | 31 <i>Ipomœa purpurea</i>                                  |
| 7 <i>Brachycome iberidifolia</i>                   | 32 <i>Lathyrus odoratus</i> , many varieties               |
| 8 <i>Browallia elata</i> var. <i>grandiflora</i>   | 33 <i>Lupinus hirsutus</i> , and other species             |
| 9 <i>Calendula officinalis</i> , many varieties    | 34 <i>Matthiola incana</i> , and var. <i>annua</i>         |
| 10 <i>Calistephus hortensis</i> (China Aster)      | 35 <i>Mirabilis jalapa</i>                                 |
| 11 <i>Celosia cristata</i> , many varieties        | 36 <i>Papaver Rhœas</i> , and <i>somniferum</i> in variety |
| 12 <i>Celosia plumosa</i>                          | 37 <i>Petunia hybrida</i>                                  |
| 13 <i>Centaurea Americana</i>                      | 38 <i>Phacelia viscida</i> and <i>Whitlavia</i>            |
| 14 <i>Centaurea cyanus</i>                         | 39 <i>Phlox Drumondii</i>                                  |
| 15 <i>Chrysanthemum carinatum</i> , many varieties | 40 <i>Reseda odorata</i> , many varieties                  |
| 16 <i>Clarkia elegans</i> [eties]                  | 41 <i>Salpiglossis sinuata</i> , and varieties             |
| 17 <i>Cleome pungens</i>                           | 42 <i>Salvia splendens</i>                                 |
| 18 <i>Collinsia bicolor</i>                        | 43 <i>Scabiosa atropurpurea</i> , and varieties            |
| 19 <i>Convolvulus tricolor</i>                     | 44 <i>Schizanthus pinnatus</i> , and varieties             |
| 20 <i>Coreopsis Drumondii</i>                      | 45 <i>Tagetes patula</i> , and <i>erecta</i>               |
| 21 <i>Cosmos bipinnatus</i> , and varieties        | 46 <i>Tropæolum majus</i> , and <i>minus</i>               |
| 22 <i>Delphinium consolida</i> , and varieties     | 47 <i>Thunbergia alata</i>                                 |
| 23 <i>Dianthus Chinensis</i>                       | 48 <i>Torenia Fournieri</i>                                |
| 24 <i>Eschscholtzia Californica</i>                | 49 <i>Verbena hybrida</i>                                  |
| 25 <i>Gaillardia picta</i> var. <i>Lorenziana</i>  | 50 <i>Zinnia elegans</i>                                   |

### TWENTY-FIVE OF THE BEST HARDY HERBACEOUS PLANTS

- |  |   |
|--|---|
| 1 <i>Adonis vernalis</i>   | 14 <i>Pœonia albiflora</i> , <i>officinalis</i> , and many fine hybrids |
| 2 <i>Anemone Japonica</i> , and its varieties  | 15 <i>Papaver orientale</i> , and its varieties                         |
| 3 <i>Aquilegia cœrulea</i> , <i>chrysantha</i> , and <i>chrysa-</i>                      | 16 <i>Phlox paniculata</i> , and its varieties                          |
| 4 <i>Aster alpinus</i> [antha hybrids]   | 17 <i>Phlox subulata</i>  |
| 5 <i>Campanula Carpatica</i> , <i>persicifolia</i> , and                                 | 18 <i>Platycodon grandiflorum</i>                                       |
| 6 <i>Clematis recta</i> [macrantha]  | 19 <i>Pyrethrum</i> ( <i>Chrysanthemum</i> ) <i>roseum</i>              |
| 7 <i>Delphinium elatum</i> , <i>formosum</i> , and <i>hy-</i>                            | 20 <i>Pyrethrum</i> ( <i>Chrysanthemum</i> ) <i>uliginosum</i>          |
| 8 <i>Dicentra spectabilis</i> [bridum]   | 21 <i>Rudbeckia speciosa</i>  |
| 9 <i>Iris Germanica</i> , and its varieties  | 22 <i>Sedum spectabile</i>  |
| 10 <i>Iris lævigata</i> , and its varieties  | 23 <i>Statice latifolia</i>   |
| 11 <i>Lilium Hansonii</i> , <i>speciosum</i> , <i>tenuifolium</i> , and many other kinds | 24 <i>Trollius Europæus</i>   |
| 12 <i>Lychnis Chalcedonica</i>   | 25 <i>Veronica rupestris</i> , and <i>latifolia</i> var. <i>sub-</i>    |
| 13 <i>Oenothera fruticosa</i> var. <i>Youngii</i>  | <i>sessilis</i>   |

### A FEW OF THE BEST ROCK-GARDEN PLANTS

- |  |  |
|--|--|
| <i>Adonis vernalis</i>   | <i>Iberis sempervirens</i>   |
| <i>Alyssum saxatile</i>  | <i>Lathyrus vernus</i>   |
| <i>Aquilegia cœrulea</i> , <i>Canadensis</i> , <i>vulgaris</i> , and many others | <i>Papaver alpinum</i> , and <i>nudicaule</i>                          |
| <i>Arabis albida</i>   | <i>Phlox subulata</i>  |
| <i>Armeria maritima</i>  | <i>Primula denticulata</i>   |
| <i>Aster alpinus</i>   | <i>Helianthemum vulgare</i>  |
| <i>Aubretia deltoidea</i>  | <i>Heuchera sanguinea</i>  |
| <i>Campanula Carpatica</i> , <i>turbinata</i> , and <i>rotundi-</i>              | <i>Lychnis viscaria</i> var. <i>flore-pleno</i>                        |
| <i>Dianthus deltoides</i> , and many others [folia]                              | <i>Saxifraga cordifolia</i> , <i>crassifolia</i> , and <i>ligulata</i> |
| <i>Epimedium alpinum</i>   | <i>Sedum spectabile</i> and <i>Sieboldii</i>                           |
| <i>Geranium sanguineum</i>   | <i>Sempervivum arachnoideum</i> , and <i>sobiliferum</i>               |
| <i>Gypsophila repens</i>   | <i>Tunica saxifraga</i>  |
|  | <i>Viola cornuta</i>   |

## SUPPLEMENTARY LISTS

### SOME OF THE BEST HARDY PLANTS FOR EDGINGS

<i>Achillea tomentosa</i>	<i>Phlox subulata</i>
<i>Ajuga reptans</i>	<i>Phlox procumbens</i>
<i>Arabis albidæ</i>	<i>Sedum stoloniferum</i>
<i>Armeria maritima</i>	<i>Stellaria Holostea</i>
<i>Aubrietia deltoidea</i>	<i>Veronica incana</i>
<i>Campanula Carpatica</i>	<i>Veronica rupestris</i>
<i>Cerastium tomentosum</i>	<i>Viola cornuta</i>
<i>Dianthus deltoides</i>	

### SOME HARDY PLANTS FOR BOLD OR SUBTROPICAL EFFECTS

<i>Acanthus latifolius</i>	<i>Onopordon Acanthium</i>
<i>Bocconia cordata</i>	<i>Polygonum cuspidatum</i>
<i>Cimicifuga racemosa</i>	<i>Polygonum sachalinense</i>
<i>Dipsacus Fullonum</i>	<i>Silphium perfoliatum</i>
<i>Echinops Ritro and exaltatus</i>	<i>Spiræa Aruncus</i>
<i>Elymus arenarius</i>	<i>Telekia cordifolia</i>
<i>Eulalia Japonica</i>	<i>Verbascum Olympticum</i>
<i>Helianthus orgyalis</i>	<i>Yucca tomentosa</i>
<i>Heracleum giganteum</i>	

### A FEW OF THE BEST PLANTS FOR WILD GARDENS

<i>Anemone Canadensis</i>	<i>Hesperis matronalis</i>
<i>Aquilegia vulgaris, and Canadensis</i>	<i>Malva Alcea</i>
<i>Aster corymbosus, Novæ Angliæ, and many</i>	<i>Lamium album</i>
<i>Campanula rapunculoides</i> [others]	<i>Narcissus pœticus, princeps, and many others</i>
<i>Convallaria majalis</i>	<i>Scilla Sibirica and Hispanica</i>
<i>Coreopsis lanceolata</i>	<i>Tulipa sylvestris</i>
<i>Coronilla varia</i>	<i>Rudbeckia speciosa</i>
<i>Crocus, in variety</i>	<i>Verbascum Thapsus</i>
<i>Epilobium angustifolium</i>	<i>Viola cuculata, pedata, and pubescens</i>
<i>Erythronium Americanum</i>	<i>Lilium superbum, and Canadense</i>
<i>Galanthus nivalis</i>	<i>Solidago Canadensis, serotina, and many</i>
<i>Helianthus mollis, and rigidus</i>	<i>others</i>
<i>Hemerocallis fulva</i>	<i>Geranium maculatum</i>





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ENGLISH NAMES



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" Kohinoor.  
" Lady Plimsoil.

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